Montello Sta. BROCKTON, MASS.

HOLSTEIN-FRIESIAN WORLD

TRADE MARK REG.

COMBINING

Black and White Record

VOL. XV. NO. 33 Published Weekly—$1.00 Per Year

AUGUST 17, 1918

MATADOR SEGIS WALKER

A western sire that is producing animals of outstanding individuality. His son was junior champion at the last National Dairy Show. He is now four years of age and is owned by Carnation Farms, Seattle, Wash.

Entered as second class matter January 18, 1916, at the Postoffice at Waterloo, Iowa, under the Act of March 3, 1879.

Did It Ever Appeal To You This Way?

That Our Herd Sire

King Echo Sylvia Johanna

May Echo Sylvia
Butter 41.01
Milk 1,005.80
Milk, 100 days..... 12,898.00

Belle Model Johanna 2d
Butter 37.34
Milk 567.90

The Sire of

The $106,000 Bull

Note the Two Nearest Dams in Each Case Are the Same Cows!

Carnation King Sylvia

Belle Model Johanna 2d
Butter 37.34
Milk 567.90
Dam of a 36-lb. cow

May Echo Sylvia
Butter 41.01
Milk 1,005.80

Has the Very Identical Dams!!

WE CAN SHOW YOU SOME OF THE FINEST YOUNGSTERS YOU EVER SAW SIRED BY KING ECHO SYLVIA JOHANNA FROM DAUGHTERS OF KING KORNDYKE SADIE VALE. THE GREATEST COMBINATION OF BREEDING IN THE WORLD TODAY

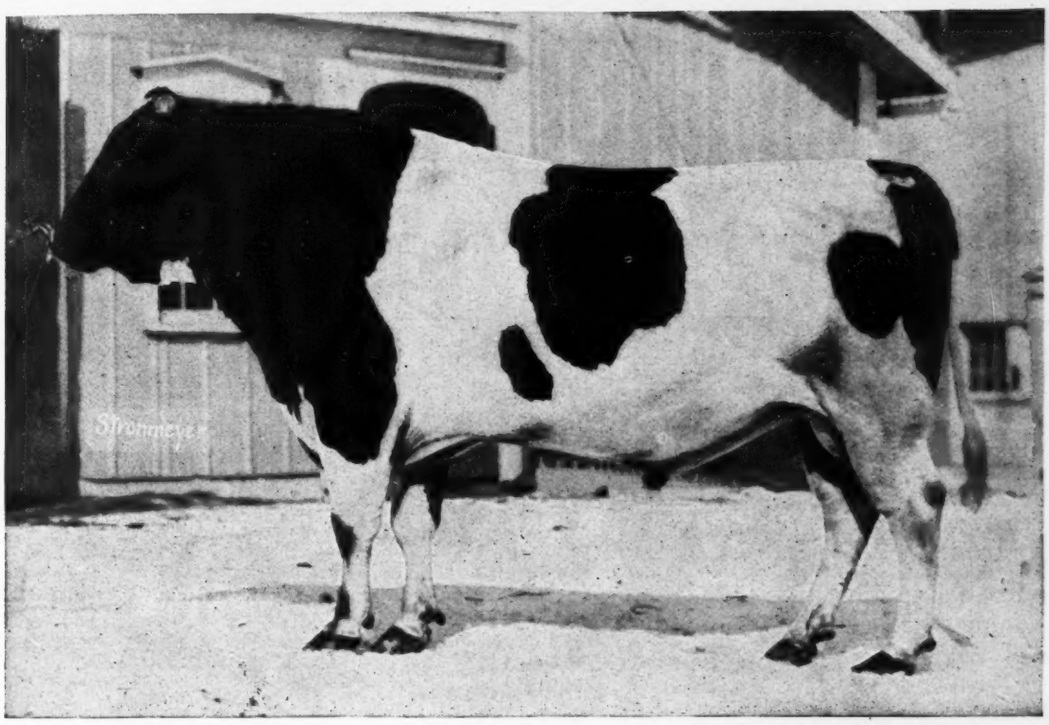
Get your next bull at Brothertown and own a brother to the highest priced animal in the world. There's no other place.

BROTHERTOWN FARMS
QUENTIN McADAM, Owner

23 South Street Utica, N. Y.

SIR PRILLY SEGIS

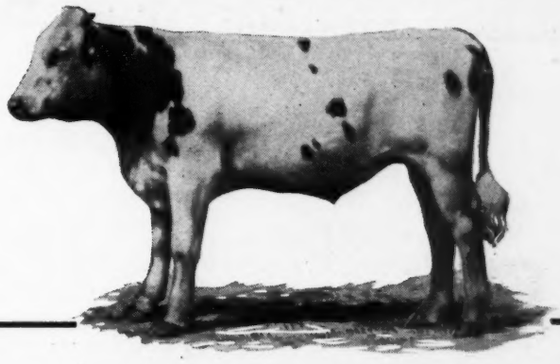
ALL THAT A SIRE SHOULD BE



INDIVIDUALITY BREEDING TRANSMITTING ABILITY

BEAVER DAM STOCK FARM Julius Schmid, Owner MONTGOMERY, N.Y.

World's Records In This Bull's Pedigree —



FOR SALE

Von Heim Sir Hartog Ormsby

TWIN No. 214248

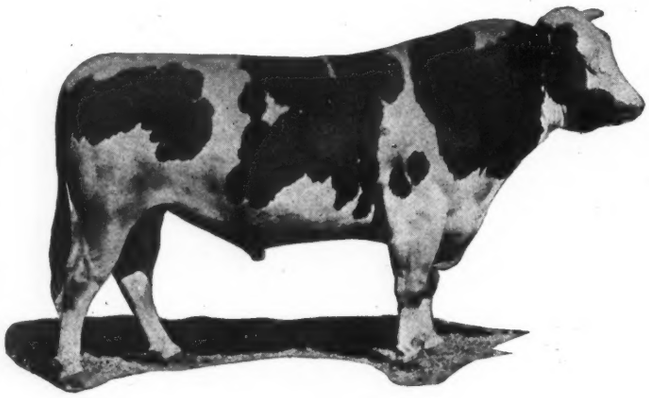
The dam is a 31-pound cow of great dairy type and has a number of remarkable records. She has two daughters (twins) that have just made wonderful records both tested at 26 months, and averaging 25.95 pounds butter, 5.2 per cent butterfat. The dam has a 31-pound full four-year-old sister and is by a brother of the sire of Duchess Skylark Ormsby, the world's champion cow for yearly butter production, while her sire is brother to Pietertje Maid Ormsby, twice a world's champion for thirty-day butter production.

The sire has two A. R. O. daughters that at 28 months averaged 25.98 pounds butter, 455.4 pounds milk; one daughter is a 31-pound heifer at 30 months. He is by the wonderful sire Aaggie Cornucopia Johanna Lad, the best son of the former world's champion Aaggie Cornucopia Pauline, 34.32 pounds butter in seven days, world's record when made and only cow with record above 30 pounds to have 30-pound daughter, granddaughter, great granddaughter, the latter with two 30-pound daughters, each with a 30-pound daughter. The sire's dam is by the great Colantha Johanna Lad, and twice made over 29 pounds butter in seven days.

This bull is mostly white, a faultless individual, and is bound to make a great sire. His sisters are making tremendous records, and the daughters of his dam are by a Colantha bull, showing that Von Heim Sir Hartog Ormsby has a remarkably successful nick of breeding in his pedigree that is bringing desired results.

VON HEIM FARM, KENT, WASH. J. VON HERBERG, Owner M. J. WALTHER, Supt.

A WORLD FAMED SIRE THAT HAS MADE GOOD



His 65 A. R. O. Daughters Included

Woodcrest Pietje Pontiac, 4 years	31.66
Fairmont Queen Segis Hartog, 3 years	29.57
Butter 30 days	119.75
Butter 7 days, 31 months	21.06
Maplemont Alcartra Polkadot, 3 years	29.42
Fairmont Pauline De Kol, 3 years	27.49
Butter 7 days, 30 months	21.38
Fairmont Meta Ward, 2½ years	27.13
Woodcrest Pietje Pontiac, 32 months	25.20
Butter 30 days	102.01
Fairmont Lillie Alcartra, 2½ years	24.56
Fairmont Alcartra Belle	23.85

11 others above 20 lbs.

King Segis Pontiac Alcartra

His sons are heading many of the best herds in the country and through the work of their daughters are proving their own sire one of the best transmitting bulls of the breed.

And the individuality is in keeping with their marvelous production. Just about all one could desire.

One of his sons from one of our high record cows will do the very same thing for you

John Arfmann FAIRMONT FARM Middletown, N. Y.

"PONTIAC"

"Where the Champions Come From"

HERE WE ARE OFFERING TWO OF THE VERY BEST BRED BULLS EVER PRODUCED IN THIS FAMOUS HERD

(480) **PONTIAC ROCHESTER BURKE DE KOL 124743** Born Nov. 29, 1913. Weight 2,562 lbs. Sire: **Pontiac Apollo** (by Hengerveld De Kol) with 48 A. R. O. daughters among them Pontiac De Nijlander, Michigan's ex-champion 35-pound cow, also Pontiac Ino, ex-champion three-year-old with 27.34 lbs. Dam: **PONTIAC VIRGINIA** with a record of 31.04 lbs. butter in 7 days and 127.83 pounds in 30 days and now running on semi-official work. She produced 118 lbs. milk her best day, 796 lbs. in a week and 3,316 lbs. for the month and in 100 days gave 10,108 lbs. milk and is still going. She is the dam of a junior four-year-old daughter with 24.07 lbs. and an 18-lb. junior three-year-old. Her sire is Pontiac Burke with two 30-lb. daughters. Price $1,500.

(587) Born June 7, 1917. A son of Pontiac Rochester Burke De Kol (described above) from **Pontiac Nyx** with a seven-day record of 27.74 lbs. butter from 578 lbs. milk and has just completed a year record of **1,022.01 lbs. butter** from 23,244 lbs. milk in 365 days. She is by a son of Pontiac Burke (he by Duchess Ormsby Butter King).

"Pontiac" is still in a position to supply the same quality of sires it has supplied for the past 25 years.

PONTIAC STATE HOSPITAL

E. H. HALSEY, Steward **Pontiac, Michigan**

A Name That's Known the World Around

BULLS SIRED BY

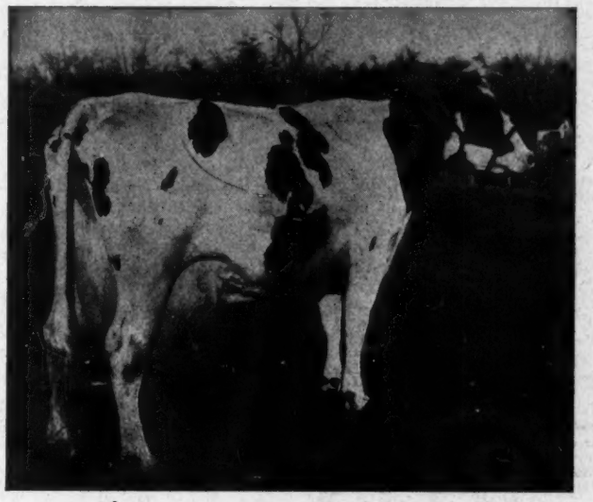
Champion Echo Sylvia Pontiac

THAT MATCHLESS SON OF

MAY ECHO SYLVIA

(DAM OF THE $106,000 BULL)

BUTTER	MILK
At 4 years	At 4 years
33.94 lbs.	759 lbs.
At 6 years	At 6 years
36.33 lbs.	874 lbs.
At 7 years	At 7 years
41.01 lbs.	853 lbs.
At 8 years	At 8 years
37.63 lbs.	852 lbs.



MAY ECHO SYLVIA

Best 1 Day's Milk 152.1 lbs.

Best 7 Days' Milk 1,005.8 lbs.

Best 30 Days' Milk, 4,196.9 lbs.

CHAMPION ECHO SYLVIA PONTIAC is sired by Spring Farm Pontiac Cornucopia, a son of the first 44-lb. cow, thus his nearest ancestors average:

The records of his dam and sire's dam average	
Butter 7 days	42.60
Milk	795.90
Butter 30 days	170.60
Milk	3,356.70
The records of his eight nearest dams average:	
Butter 7 days	32.41
Milk	652.26

AN ESPECIALLY FINE ONE

One of our finest sons of Champion Echo Sylvia Pontiac is a very handsome fellow, nearly all white, born February 6, 1918. His dam is **Alice Tensen's Canary** that as a four-year-old made 30.22 lbs. butter from 625.5 lbs. milk in seven days and 120.12 lbs. for the month. Her dam is the great show cow, Alice Tensen with 29.12 lbs. butter from 564 lbs. milk. The wonderful show qualities of his dams, in combination with that of his great sire, should make him a most desirable herd bull for some famous herd. He is one of the best things we can offer.

AVONDALE FARM

Brockville, Ontario, Can.

A. C. HARDY, Owner **H. LYNN, Herd Manager**

The Fountain Head of the "May Echo" Blood

"The Maplecrest Way"

10 Cows 1,000 lbs.

That is the Combined List of the Daughters of

Friend Hengerveld De Kol Butter Boy and Pontiac Aaggie Korndyke

Maplecrest Pontiac Application
Butter, 7 days 35.10
Butter, 1 year 1344.30

Maplecrest Pontiac De Kol Banostine
Butter, 7 days..... 32.86
Butter, 1 year.....1253.45

Maplecrest Pontiac Flora Hartog
Butter 30.26
Butter, 1 year.....1232.63

No other herd in the world has at its head two sires with as many 1,000-lb. daughters. Pontiac Aaggie Korndyke now has six that have crossed the 1,000-lb. mark — more than any other sire.

The sons of Pontiac Aaggie Korndyke from the long-distance daughters of Friend Hengerveld De Kol Butter Boy are taking their places at the head of many of the prominent herds of the east and west.

In their offspring you are sure to get the animals that can produce for as long as you wish—7 days, 30 days, one year, or successive years. It is upon animals of this quality and ability that you must "build the future." There is no other place you can secure them.

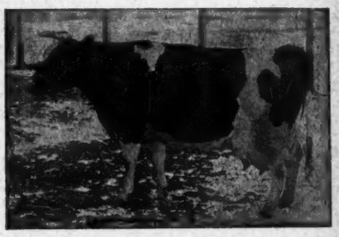
We shall be glad to tell you about one of these youngsters.

The Maplecrest Stock Farm Co.

CHARDON, OHIO

Maplecrest Pontiac Daisy De Kol
Butter 31.07

Maplecrest Pontiac Fannie
Butter 30.53

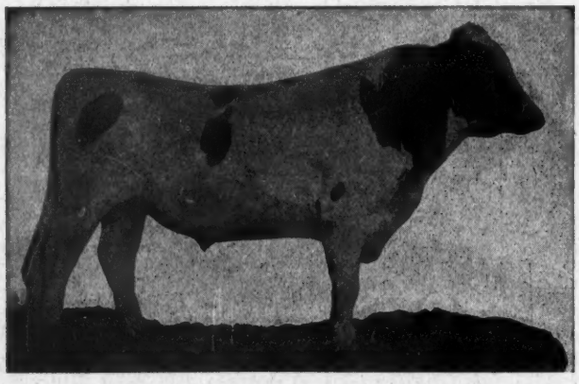


Maplecrest Pontiac De Kol Lady
Butter, 7 days..... 31.15
Butter, 1 year.....1018.43

HIS DAM IS THE ONLY COW OF THE BREED WITH SIX YEARLY RECORDS

His Sire

Sir Pietertje Ormsby Mercedes



His Dam

Queen Piebe of Fairview 2d

SIR PIETERTJE ORMSBY MERCEDES 40TH

A full brother of

QUEEN PIEBE ORMSBY MERCEDES (1 Year) 1,136.01

SIR PIETERTJE ORMSBY MERCEDES 40th is a son of Sir Pietertje Ormsby Mercedes, with five daughters above 1,000 lbs. butter in a year (four as four-year-olds), and Queen Piebe of Fairview 2d, that made 30.13 lbs. butter as a four-year-old and has made six yearly records, which can be said of no other cow of the breed. She is from the same dam as Queen Piebe Mercedes, with 30,230 lbs. milk in a year as a four-year-old, and is the dam of Queen Piebe Ormsby Mercedes, with over 35 lbs. butter in seven days and close to 1,200 lbs. in a year.

This bull is being mated with the daughters of Maplecrest Pontiac Hartog, a son of Ohio's first 30-lb. cow and Pontiac Aaggie Korndyke, with more 1,000-lb. daughters than any other bull of the breed.

The calves we are offering carry this combination of champion blood.

MEADOWHOLM FARM Peter Small CHESTERLAND, OHIO

He's the Bulls-eye of Holstein Sires

King Segis Pontiac Count

The Largest Money Winning Sire for the past two years

No Other Sire Can Equal Him

The Daughters of this Bull Stood at the Head of No Less than Thirteen Classes of the Prize Divisions Last Year

HIS DAUGHTERS HAVE BROKEN **100 World's Records**

10 Two-year-old daughters average over 30 lbs.
5 Two-year-old daughters average over 1,017 lbs.

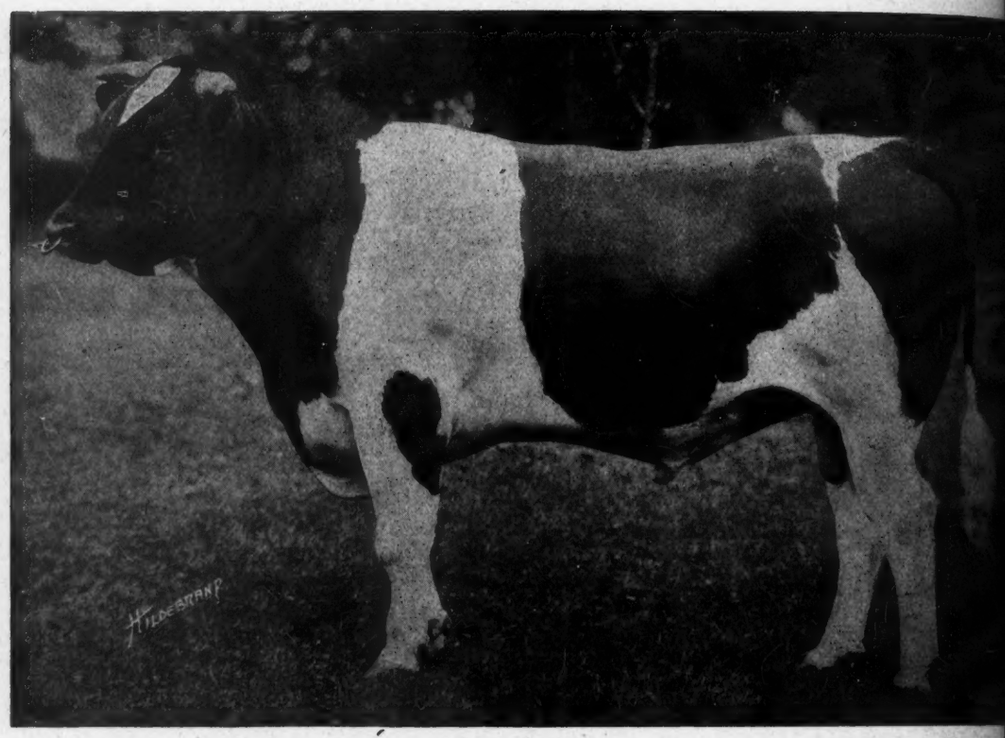
His Daughters Hold More World's Records for Both Milk and Butter in the Regular Divisions than do the Daughters of Any Other Sire

Arden Farms J. M. HACKNEY Owner **St. Paul, Minn.**

The World's M

Rag Apple Korndyke 8th

"The Greatest Bull in the World"



DO YOU KNOW that my predictions about Rag Apple Korndyke 8th are rapidly coming true?

DO YOU KNOW that his sons and daughters are bringing higher prices than those of any sire that ever lived?

DO YOU KNOW that at the Flanders Farms Dispersal Sale in June, a daughter topped the sale by bringing $2,050, the highest price of any animal in Mr. Flanders' entire herd?

DO YOU KNOW that the very next day which was the first day of the Green Sale, Queen Hengerveld Rag Apple, a daughter of Rag Apple Korndyke 8th, topped the sale for the entire day by bringing $2,025, going to Mr. T. A. Denman of Cortland, Ohio?

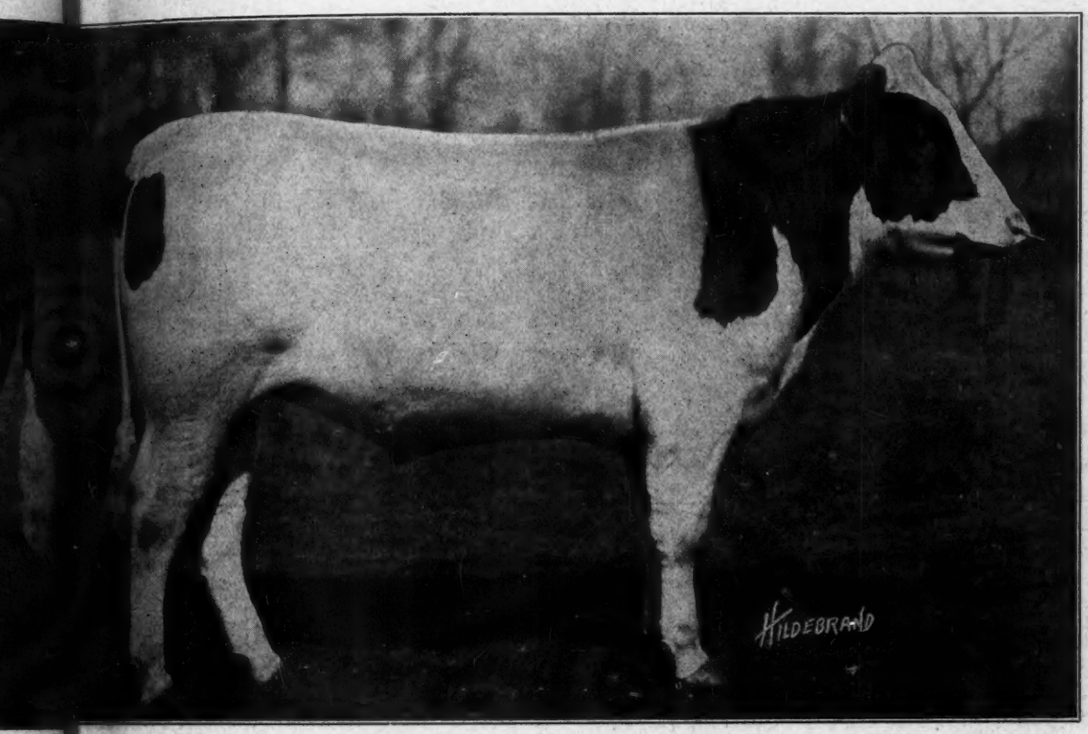
AND DO YOU KNOW that the very next day, the second day of the Green Sale, a daughter of Rag Apple Korndyke 8th brought the highest price of any female that day, selling to Messrs. E. P. & C. S. George of Chaffee, N. Y., for $2,000? She was only a yearling, from a 19-lb. dam and her name is Superba Ida Rag Apple.

PINE GROVE M-O-O-S

Rag Apple Korndyke 8th, the greatest bull in the world, has two more A. R. O. daughters. One of them is Albina Josie 2d, whose dam is Albina Josie. She has just completed a record of 24.77 pounds of butter and 402 pounds of milk in seven days at the age of two years and one month.

Oliver Cabana Jr. **PINE GR**

ghtiest Sires !



Rag Apple The Great

"The World Wonder Bull"

The other is Superba Rag Apple Aaggie that as a junior two-year-old has just completed a record of 18.08 lbs. of butter in seven days.

Segis Hengerveld Fayne Johanna, 47.35, the second highest record cow in the world, and a daughter of the 50-lb. cow, has been bred to Rag Apple the Great, "the world wonder bull."

Rag Apple the Great is developing into a wonderful and vigorous animal. At 18 months of age he weighed nearly 1,500 pounds. He surely promises to be of immense size at maturity.

Segis Fayne Johanna, 50.68 lbs., has been shipped to Pawling, N. Y., to be bred to the Mighty Monarch, Mr. Brady's great herd sire.

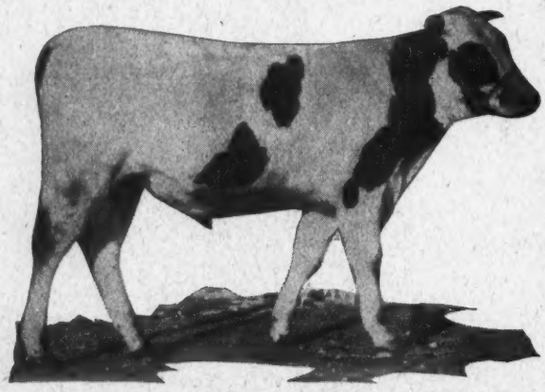
Among the late arrivals at Pine Grove Farms is a beautiful heifer calf by Rag Apple the Great, "the world wonder bull," and from Superba Rag Apple Pontiac Topsy. The dam is a junior two-year-old daughter of Rag Apple Korndyke 8th, her dam being by King of the Pontiacs and out of Fairmont Aaggie Topsy, 36.03, one of the most magnificent foundation cows in our herd.

Mr. Fred D. Morgan, my personal accountant, who was rapidly working into the Holstein game and originated "Pine Grove M-o-o-s" and would have become editor and made it a weekly feature had he remained with me, enlisted in the U. S. navy and is now located at New London, Conn. As always, Fred Morgan is enthusiastic in his work, and although he is reticent and does not give any details of his work, he has recently written me as follows: "Mr. Cabana: I am convinced it will be only a short time when good old Uncle Sam will have the German submarines blown out of the ocean. If you knew the gigantic preparation and progress being made as I see it, you would agree with me that it gives one great confidence in the men who are directing things."

Morgan is a sterling young fellow with an old head on his shoulders, a young man who has always made good with us, and to say that he will "do his bit" to help win the war is only stating it mildly.

GRE FARMS **Elma, N. Y.**

If You Breed Your Best Cow to Him



You Get Averages that Count

This Cow		Will Give This Average
20-LB.	↔	31.60 LBS.
25-LB.	↔	34.30 LBS.
30-LB.	↔	36.80 LBS.
35-LB.	↔	39.30 LBS.
40-LB.	↔	41.80 LBS.

"The Breed's Best Bull"

A SON OF LADY NETHERLAND PONTIAC (4Y) 43.59
(The Present World's Champion Junior 4-Year-Old)

No son of any other 40- or 50-lb. cow can show an average equal to the average for the six nearest dams of this bull. They average:

BUTTER 37.55 MILK 628.7

Arrange for the services of a real champion

H. B. AYERS 7130 Meade St. Pittsburgh, Pa.

YES, HE IS GONE

ALSO HIS TWIN BROTHER

and the purchasers are well satisfied with their bargains. We refer to the fine calf advertised in the last issue.

You are too late to get either of these splendid individuals but we are going to offer you another just a little better.

He is sired by the famous Sir College Cornucopia 2d. His dam is that great producing cow, Lady Acmeanna Ormsby De Kol, 31.135 lbs. butter in 7 days.

This calf is a nice, straight individual and is more than half white. Born March 21, 1918.

We also have some calves from heifers with nice records that will be priced right.

YOUR INQUIRIES ARE RESPECTFULLY SOLICITED

WESTKOTA FARM

M. J. SMILEY, OWNER BELLE FOURCHE, S. D.

THIS IS THE TYPE

THE KIND WE BREED FROM

COLANTHA JOHANNA LAD 32481

World's greatest proven producing and transmitting sire today. 112 A. R. O. daughters, 76 proven sons and 35 producing daughters. Twenty above 30 lbs. of butter and 27 from 600 to 750 lbs. of milk in seven days. His sons are all producers; one has eight 30-lb. daughters. He has over 700 A. R. O. granddaughters.

OUR HERD SIRES

and their

WORLD'S RECORD DAMS

COLANTHA 4TH'S JOHANNA 48577

106 lbs. of milk in one day, 35.22 lbs. of butter in seven days, 138.54 lbs. in 30 days, 1,247 lbs. of butter from 27,432 lbs. of milk in a year; 4.32 per cent fat. The only cow in the world to hold all world's records in all classes at the same time from one day to a year.

COLANTHA SIR AAGGIE 102966

Seventeen A. R. O. daughters. The records of his dam and sire's dam average 34.77 lbs. of butter in seven days and 138 lbs. in 30 days. He has more half sisters with over 600 lbs. of milk in seven days than any other bull. His sire, Colantha Johanna Lad, and his brother, Aaggie Cornucopia Johanna Lad, are both century sires. He and his brothers have over 915 A. R. O. daughters. His brother produced a cow that made 31,034 lbs of milk in a year. His brother's son produced the present world's champion that made 31,334 lbs. milk in one year.

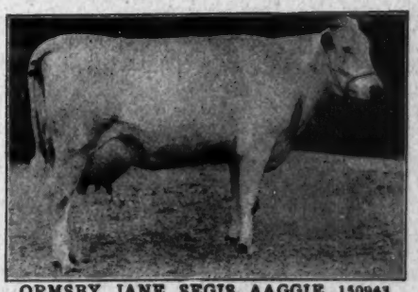
AAGGIE CORNUCOPIA PAULINE 48426

Head of the only 30-lb. four-generation group. Only cow heading 30-lb. three-generation groups through two different daughters. Only cow having two 30-lb. daughters and three sons each having 30-lb. daughters. 104 lbs. of milk in one day, 34.32 lbs. of butter in seven days, 4.17 per cent fat; 137.60 lbs. of butter in 30 days. Five A. R. O. daughters, two over 30 lbs. One of her sons with 108 A. R. O. daughters produced Winnie Korndyke Cornucopia De Kol, who made 31,034 lbs. of milk a year. A grandson produced Lutscke Vale Cornucopia, the present world's champion, that made 31,334 lbs.

Notice Their Great Individuality Top Lines and Style of Udder

KING ORMSBY JANE RAG APPLE 208883

For which we paid at auction $53,200. Dam's record—46.33 lbs. of butter 7 days, 879.60 lbs. of milk. The records of his dam and sire's dam average 42.11 lbs. of butter, 740 lbs. of milk. The records of his dam are unequaled by any other cow of any breed in the world. The only cow above 40 lbs. that ever "came back" and repeated or increased her record. His dam holds 17 world's records. Her milk is proportional to her fat.



ORMSBY JANE SEGIS AAGGIE 150943

Butter (7 days) 5 years, 46.33 lbs., milk 879.60 lbs.; butter (30 days) 4 years, 183.16 lbs., milk 3,241.01 lbs.; butter (60 days) 4 years, 360.61 lbs., milk 8,221.70 lbs.; butter (100 days) 4 years, 566.98 lbs., milk 10,153 lbs. Average per cent fat, 100 days, 4.46.

You see we are striving to give our customers perfect type, more milk, more butter and higher butterfat

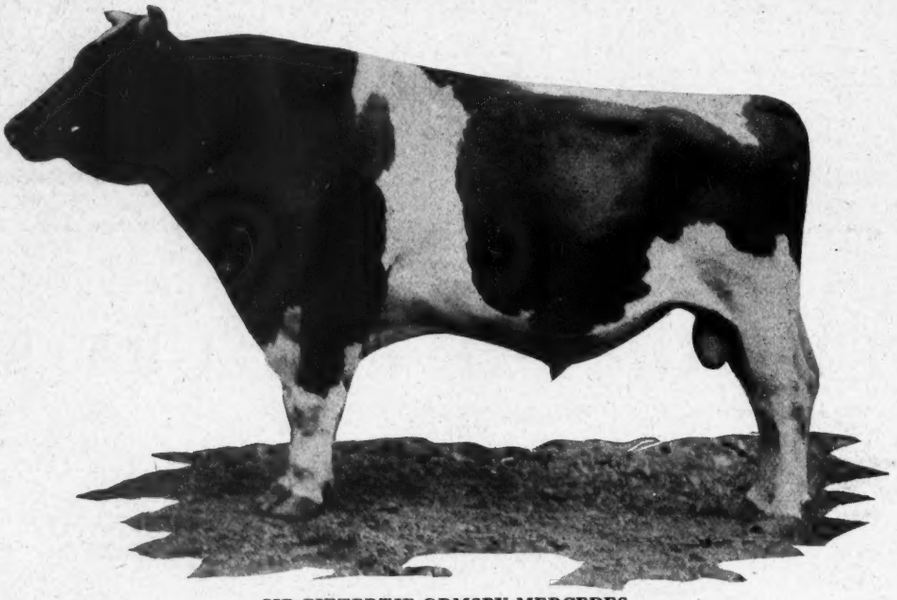
BULL CALVES FOR SALE *We are ready to offer a few heifers*

NOTED FIELD HERD

OWNED BY

D. W. FIELD FARM CO. Oak Street Montello, Mass.

SIRE OF OVER A MILLION POUNDS OF MILK



SIR PIETERTJE ORMSBY MERCEDES

The Sire of More Milk and Butter Than Any Other Bull in the World

HIS DAUGHTERS HAVE PRODUCED under actual test over 50,000 lbs. butter and 1,000,000 lbs. milk.

THESE FIGURES ARE ALMOST beyond imagination but indicate only part of the wonderful producing ability of the daughters of Sir Pietertje Ormsby Mercedes.

SIR PIETERTJE ORMSBY MERCEDES has more daughters with yearly records than any other bull and has also

MORE DAUGHTERS WITH consecutive yearly records than any other bull.

FIVE OF HIS DAUGHTERS have produced from 1,028 to 1,390 lbs. butter in a year with an average of 25,500 lbs. milk.

NO OTHER SIRE CAN SHOW five daughters with equal production for both milk and butter and but one other sire has as many above 1,000 lbs.

FOUR OUT OF THE FIVE thousand-pound daughters of Sir Pietertje Ormsby Mercedes are four-year-olds.

IN THIS RESPECT he is also unequaled as no other sire has as many thousand-pound heifers.

HE IS THE ONLY SIRE having two daughters with average yearly records above 1,300 lbs. butter and 29,000 lbs. milk.

HE IS LIKEWISE THE ONLY sire having two daughters with two-year records above 50,000 lbs. milk.

NUMBERED AMONG HIS DAUGHTERS is Queen Piebe Mercedes, the world's champion junior four with 1,389 lbs. butter and 30,230.2 lbs. milk in a year.

THE WORLD'S CHAMPION YEARLING, Chloe Pietertje Ormsby, and the youngest 900-lb. heifer, Glen Canary De Kol 2d, are also daughters of Sir Pietertje Ormsby Mercedes.

HE HAS DEMONSTRATED HIS RIGHT to be called the "World's Greatest Sire of Show Ring winners" which would indicate that his offspring carry true lines of type.

COUPLING THIS TYPE with his wonderful production makes Sir Pietertje Ormsby Mercedes very nearly the ideal sire.

WE HAVE MATED the daughters of SIR PIET with some of the highest yearly record bulls in the world and now have to offer a few bulls that combine Size, Type and Production.

The E. C. Schroeder Farms **Box 576 W, Moorhead, Minn.**

A typical lot of Sir Pietertje Ormsby Mercedes daughters. Included in the lot are cows with seven-day records up to 42 lbs. butter and 787 lbs. milk, and yearly records up to 1,390 lbs. butter and 30,000 lbs. milk.

Holstein-Friesian World

VOL. XV WATERLOO, IOWA, AUGUST 17, 1918 NO. 33

A STUDY OF THE CENTURY SIRES

SECOND INSTALLMENT

By

CLARENCE IRVING HENDRICKSON

and

SEVERT MARTIN JENSEN

A Thesis Submitted for the Degree of Bachelor of Science in Agriculture at University of Wisconsin

IN making a comparison of the century sires the method followed was to arrange the records of their daughters in the form of tables which would aid in rating the sires according to the production of their respective daughters. These records were taken from the 28th volume of the Blue Book which was published in 1917.

Table I. shows the number of A. R. O. daughters of each of the century sires from 1908 to 1917, inclusive. The Blue Book issued in 1910 was the first to credit any sire with 100 or more A. R. O. daughters. In this issue we find records of two sires who have passed the hundred mark in the year 1909-10; namely, Hengerveld De Kol and Lord Netherland De Kol. Records show, however, that Hengerveld De Kol was the first of the century sires to enter this distinguished class.

Table 1

	Number of A. R. O. Daughters									
	1908	'09	'10	'11	'12	'13	'14	'15	'16	'17
King of the Pontiacs	..	11	32	50	64	82	106	149	186	216
Pontiac Korndyke	35	45	53	67	74	77	102	116	135	143
Lord Netherland De Kol	75	89	104	108	115	120	121	122	125	127
De Kol 2d's Butter Boy 3d	64	79	92	102	112	113	116	118	118	118
Hengerveld De Kol	82	98	114	115	116	116	116	116	116	116
Homestead Girl De Kol Sarcastic Lad	33	45	60	72	88	99	103	105	105	107
Paul Beets De Kol	85	93	95	99	104	104	105	105	105	105
Aaggie Cornucopia Johanna Lad	29	41	58	64	84	90	95	99	102	105
Colantha Johanna Lad	..	1	6	19	40	55	76	87	100	102

A glance at Table I. brings to our attention two facts: First, that King of the Pontiacs, Pontiac Korndyke, and Colantha Johanna Lad have made rapid growth in the past decade, and second, that three of the century sires, De Kol 2d's Butter Boy 3d, Hengerveld De Kol and Paul Beets De Kol, have ceased to be active.

In 1908, neither King of the Pontiacs nor Colantha Johanna Lad had daughters in the Advanced Registry, and in 1917 the former had over 200 and the latter over 100. The number of tested daughters of Pontiac Korndyke had increased more than a hundred in an equal length of time.

In passing comment on the preceding table it must of course be remembered that some of these sires had greater opportunities to get their daughters into the Advanced Registry than others, not only because the latter were given excellent opportunities, but also because the sires themselves were mated with cows of more than ordinary merit.

Table II. lists the century sires according to their total number of proven sons and proven daughters. A proven son or a proven daughter is one which has one or more daughters in the Advanced Registry.

Table II
Proven Sons and Proven Daughters of Century Sires

	Sons	Daughters	Total
King of the Pontiacs	129	62	191
Lord Netherland De Kol	37	153	190
De Kol 2d's Butter Boy 3d	95	85	180
Pontiac Korndyke	97	80	177
Hengerveld De Kol	65	84	149
Aaggie Cornucopia Johanna Lad	71	77	148
Paul Beets De Kol	49	94	143
Colantha Johanna Lad	81	46	127
Homestead Girl De Kol Sarcastic Lad	43	61	104

The above table shows that King of the Pontiacs leads in the number of proven sons, having 32 more than his sire, Pontiac Korndyke, who ranks second. Lord Netherland De Kol, leads in the number of proven daughters, with over 50 per cent more than any other sire, but he has the fewest proven sons. Paul Beets De Kol is second in the number of proven daughters. De Kol 2d's Butter Boy 3d, takes third place both in regard to the number of proven sons and proven daughters. Colantha Johanna Lad ranks fourth in the number of proven sons, but is last in the number of proven daughters. The fifth sire in the number of proven sons is Aaggie Cornucopia Johanna Lad; sixth, Hengerveld De Kol; seventh, Paul Beets De Kol; eighth, Homestead Girl De Kol Sarcastic Lad. Hengerveld De Kol occupies fourth place in the number of proven daughters and Pontiac Korndyke, fifth. Aaggie Cornucopia Johanna Lad is sixth both for the number of proven daughters and for the total number of proven sons and proven daughters. King of the Pontiacs is seventh and Homestead Girl De Kol Sarcastic Lad is eighth in the number of proven daughters. These facts can be represented in table form as follows:

	Rank According to		
	Total No. Tested Offspring	No. Proven Sons	No. Proven Daughters
King of the Pontiacs	1	1	7
Lord Netherland De Kol	2	9	1
De Kol 2d's Butter Boy 3d	3	3	3
Pontiac Korndyke	4	2	5
Hengerveld De Kol	5	6	4
Aaggie Cornucopia Johanna Lad	6	5	6
Paul Beets De Kol	7	7	2
Colantha Johanna Lad	8	4	9
Home. Girl De Kol Sar. Lad	9	8	8

We also learn from Table II. that King of the Pontiacs and Colantha Johanna Lad have transmitted their producing abilities more through their sons than through their daughters, each having approximately twice as many sons with A. R. O. daughters as daughters with A. R. O. daughters. On the other hand it will be noticed that Paul Beets De Kol has little more than one-half and Lord Netherland De Kol has not one-fourth as many proven sons as proven daughters. Less difference is noted in the remainder of these sires, but with the exception of Hengerveld De Kol and Homestead Girl De Kol Sarcastic Lad, they have more proven sons than proven daughters.

The next step in the comparison of the century sires is the number of 20-pound daughters that each has. This is undoubtedly a better test of the transmitting qualities of a bull than the number of A. R. O. daughters, as it takes a fairly good cow to make 20 pounds of butter, while it is naturally less of a distinction to merely get into the Advanced Registry.

In Table III. the century sires are listed according to the number of daughters producing 20 pounds or more of 80 per cent butter in seven days. The table shows further the number of daughters of each sire which have produced the amount designated in the headings.

Table III

	Total Above 20 lbs.	20 to 25 lbs.	25 to 30 lbs.	30 to 35 lbs.	Above 35 lbs.
King of the Pontiacs	139	85	37	15	2*
Pontiac Korndyke	79	43	24	8	4
Hengerveld De Kol	77	47	22	8	..
Colantha Johanna Lad	64	30	24	10	..
De Kol 2d's Butter Boy 3d	60	43	16	1	..
Paul Beets De Kol	51	38	11	2	..
Aaggie Cornu. Joh. Lad	48	35	11	2	..
Home. Girl De Kol Sar. Lad	47	36	10	1	..
Lord Netherland De Kol	38	24	11	3	..

* Above 40 lbs.

In the total number of daughters above 20 pounds we find King of the Pontiacs leading with over 50 per cent more A. R. O. daughters than his sire and nearest competitor for first place, Pontiac Korndyke. He also leads in all of the other classes designated in the table with the exception of the 35-pound class. He has 50 per cent more daughters in the 30 to 35-pound class than his nearest rival, Colantha Johanna Lad. He has over 50 per cent more daughters in the 25 to 30-pound class than Pontiac Korndyke or Colantha Johanna Lad who are tied for second place. In the 20 to 25-pound class he has nearly twice as many daughters as Hengerveld De Kol, the second highest in this class. King of the Pontiacs is the only century sire listed in the 28th volume of the Blue Book to have a 40-pound daughter.

This great sire has two daughters who have passed the 40-pound mark. Thus we see that King of the Pontiacs has more 20-pound daughters, more 25-pound daughters and more 30-pound daughters than any other century sire and is the only sire in Volume 28 to have two 40-pound daughters.

Pontiac Korndyke ranks second in the total number of daughters with records above 20 pounds, ties for the second place in the number of 25 to 30-pound daughters, and ties for third place both for daughters in the 20 to 25-pound class and the 30 to 35-pound class. He was the only century sire up to May 1, 1917, to have any daughters with records between 35 and 40 pounds of 80 per cent butter. Four of his daughters come in this class.

Hengerveld De Kol is third in the total number of daughters producing over 20 pounds of butter. Later, however, we shall see that he takes first place when we consider the ratio of the number of daughters above 20 pounds to the total number of daughters in the Advanced Registry. He takes second place in the number of 20 to 25-pound daughters, ties for third in the number of 30 to 35-pound daughters, and is fourth in the 25 to 30-pound class. These records must be labeled as very good when we consider that Hengerveld De Kol was the first sire to have 100 A. R. O. daughters and that most of his daughters were tested at a time when high records were not common.

Colantha Johanna Lad ranks fourth with 64 daughters above 20 pounds of butter. He stands next to King of the Pontiacs with 10 daughters in the 30 to 35-pound class. Approximately 10 per cent of his total number of A. R. O. daughters come in this class. This record is equaled by no other century sire. He ties for second place in the number of 25 to 30-pound daughters, with 24 in this class for nearly one-fourth of his total number of A. R. O. daughters. This likewise is a higher record than has any other century sire.

De Kol 2d's Butter Boy 3d, is fifth in the total number of daughters above 20 pounds, ties for third place with 43 daughters in the 20 to 25-pound class, and ranks fifth with 16 daughters in the 25 to 30-pound class. He has but one daughter above 30 pounds.

Paul Beets De Kol is sixth in the total number of daughters with records above 20 pounds butter in seven days and ranks fifth with 38 daughters in the 20 to 25-pound class. He has 11 daughters in the 25 to 30-pound class and two with records above 30 pounds.

Aaggie Cornucopia Johanna Lad, Homestead Girl De Kol Sarcastic Lad, and Lord Netherland De Kol are seventh, eighth and ninth, respectively, in the total number of daughters above 20 pounds. The first of these has two 30-pound daughters, the second has one, and the last has three.

We have learned from the above that King of the Pontiac excels the other century sires to a very great extent in the number of daughters having records above 20 pounds in seven days. It must be remembered in passing judgment, however, that a sire with a large number of A. R. O. daughters has a greater opportunity to rank high in a total number of 20-pound daughters than a bull who has a small number of tested daughters. In order to compare them on a more equitable basis, the century sires are listed in Table IV. according to the percentage of daughters with records above 20 pounds. The table also shows the percentage of daughters above 25 and 30 pounds.

Table IV

	No. A. R. O. daughters	Per cent Above 20 lbs.	Per cent Above 25 lbs.	Per cent Above 30 lbs.
Hengerveld De Kol	116	66.4	25.9	6.8
King of the Pontiacs	216	64.3	25.0	7.8
Colantha Johanna Lad	102	62.7	33.3	9.8
Pontiac Korndyke	143	55.2	25.1	8.4
De Kol 2d's Butter Boy 3d	118	50.9	14.4	.8
Paul Beets De Kol	105	47.6	12.3	1.9
Aaggie Cornu. Joh. Lad	105	45.8	12.3	1.9
Home. Girl De Kol Sar. Lad	107	41.0	12.1	.9
Lord Netherland De Kol	127	30.0	11.0	2.3

The first four sires in the list stand out clearly above all of the others when compared on the percentage basis. Hengerveld De Kol, who took third place in Table III, where the century sires are listed according to total number of 20-pound daughters, takes first in Table IV where comparison is made according to percentage of 20-pound daughters. He excels King of the Pontiacs in both the 20 and 25-pound classes. He is the lowest of the four sires referred to in the percentage of 30-pound daughters, but still ranks above any of the remaining five in the class.

King of the Pontiacs stands second in percentage of 20-pound daughters, third in 30-pound daughters, and fourth in 25-pound daughters. Colantha Johanna Lad ranks third in percentage of 20-pound daughters, but takes first place both in the 25 and 30-pound classes. It will be noticed that one-third of his daughters have records above 25 pounds and approximately one-tenth above 30 pounds. Pontiac Korndyke takes fourth place in percentage of daughters above 20 pounds, but ranks third in the 25-pound class and second in the 30-pound class.

The five remaining sires rate consistently lower in both the 20- and 25-pound classes. In the 30-pound class they vary from their rating in the other classes, but the difference in their respective percentages are so slight that they might be considered negligible. It will be noticed that these five sires rank the same in Table IV. where we consider the percentage of 20-pound daughters as they do in Table III., where they are compared with regard to the total number of 20-pound daughters.

We have compared the century sires according to total number of daughters with records above 20 pounds and also according to the number in each of the other classes designated. In these comparisons we have considered the records irrespective of the ages at which they were made. In our judgment a more just comparison would be one in which the ages are considered, because it is obviously unjust to compare the records of two-year-olds with those of aged cows. In Table V. the century sires are listed according to the number of junior two-year-old daughters of each producing over 15 pounds of butter. In Tables VI., VII., VIII., IX., X., and XI., they are listed according to the number of senior two-year-olds, junior three-year-olds, senior three-year-olds, junior four-year-olds, senior four-year-olds and aged cows, respectively, which have produced over 20 pounds of butter.

Table V

Junior Two-year-olds

	15 to 20 lbs.	20 to 25 lbs.
King of the Pontiacs	23	10
Homestead Girl De Kol Sarcastic Lad	19	2
Pontiac Korndyke	8	1
Hengerveld De Kol	6	2
Aaggie Cornucopia Johanna Lad	6	..
Colantha Johanna Lad	6	..
De Kol 2d's Butter Boy 3d	1	2
Paul Beets De Kol	2	..
Lord Netherland De Kol	1	..

King of the Pontiacs leads in the number of daughters above 15 pounds in the junior two-year-old class, and also in the number above 20 pounds. Approximately one-fourth of his entire list of junior two-year-olds, in fact, have records above 20 pounds and three-fourths of them have records above 15 pounds of butter in seven days. Homestead Girl De Kol Sarcastic Lad, Hengerveld De Kol, and De Kol 2d's Butter Boy 3d, each have two junior two-year-olds above 20 pounds, and Pontiac Korndyke has one above that figure while the rest have none in this class. None of the century sires have junior two-year-old daughters whose records are above 25 pounds.

Table VI

Senior Two-year-olds

	20 to 25 lbs.	25 to 30 lbs.
King of the Pontiacs	14	4
Pontiac Korndyke	6	.
De Kol 2d's Butter Boy 3d	4	.
Hengerveld De Kol	1	1
Colantha Johanna Lad	1	.

King of the Pontiacs also leads in the number of senior two-year-olds above 20 pounds. He has 18 daughters in this class with records above that figure or approximately one-fourth of all of his tested two-year-olds; four of them have records above 25 pounds. Pontiac Korndyke ranks second with six 20-pound senior two-year-old daughters. De Kol 2d's Butter Boy 3d, ranks third with four, while Hengerveld De Kol and Colantha Johanna Lad tie for fourth place with one each. The remaining century sires have no senior two-year-old daughters with records above 20 pounds.

Aaggie Cornucopia Johanna Lad, Paul Beets De Kol, and Lord Netherland De Kol have no daughters in either the junior or senior two-year-old class to produce over 20 pounds of butter in seven days.

Table VII

Junior Three-year-olds

	20 to 25 lbs.	25 to 30 lbs.	30 to 35 lbs.
King of the Pontiacs	13	2	3
Hengerveld De Kol	2	1	1
Home. Girl De Kol Sar. Lad	3	1	.
Colantha Johanna Lad	3	1	.
Pontiac Korndyke	2	1	.
De Kol 2d's Butter Boy 3d	2	1	.
Paul Beets De Kol	2	.	.

In this table King of the Pontiacs leads by a wide margin for he has 18 junior three-year-old daughters with records above 20 pounds. His nearest competitor, Hengerveld De Kol, has but four above that figure. Homestead Girl De Kol Sarcastic Lad and Colantha Johanna Lad tie for third place each with four above 20 pounds. Each has one daughter above 25 pounds. Hengerveld De Kol automatically takes second place since one of his daughters has a record above 30 pounds.

More than two-thirds of the entire list of junior three-year-old daughters of King of the Pontiacs have records above 20 pounds. Five of them have records above 35 pounds and three above 30 pounds. None of the other century sires equal this showing. Neither Aaggie Cornucopia Johanna Lad nor Lord Netherland De Kol have junior three-year-old daughters with records above 20 pounds.

Table VIII

Senior Three-year-olds

	20 to 25 lbs.	25 to 30 lbs.	30 to 35 lbs.
King of the Pontiacs	16	5	3
Pontiac Korndyke	8	2	.
De Kol 2d's Butter Boy 3d	5	1	.
Hengerveld De Kol	5	1	.
Colantha Johanna Lad	3	2	.
Home. Girl De Kol Sar. Lad	5	.	.
Aaggie Cornu. Joh. Lad	3	.	.
Paul Beets De Kol	1	.	.

Once more King of the Pontiacs takes the lead. He has more than twice as many 20-pound senior three-year-old daughters as his sire and nearest competitor, Pontiac Korndyke, who has 10 above 20 pounds and two above 25 pounds. King of the Pontiacs has eight above 25 pounds and three of these are in the 30-pound class. No other century sire has daughters in this class.

Hengerveld De Kol and De Kol 2d's Butter Boy 3d tie for third place, each having six senior three-year-old daughters above 20 pounds and one above 25 pounds. Colantha Johanna Lad and Homestead Girl De Kol Sarcastic Lad each have five daughters above 20 pounds, but in the case of the former, two of these are above 25 pounds. Aaggie Cornucopia Johanna Lad comes into this class with three 20-pound daughters and Paul Beets De Kol with one. Lord Netherland De Kol is the only century sire with no daughters in this class to produce above 20 pounds butter in seven days.

Table IX

Junior Four-year-olds

	20 to 25 lbs.	25 to 30 lbs.	30 to 35 lbs.
King of the Pontiacs	11	6	2
Pontiac Korndyke	9	7	2
Hengerveld De Kol	5	2	1
De Kol 2d's Butter Boy 3d	7	1	.
Home. Girl De Kol Sar. Lad	7	1	.
Colantha Johanna Lad	5	7	1
Paul Beets De Kol	2	3	.
Aaggie Cornu. Johanna Lad	4	.	.

In this class King of the Pontiacs is followed closely by Pontiac Korndyke; the former has 19 daughters above 20 pounds, and the latter 18. Each has two above 30 pounds, but Pontiac Korndyke has one more above 25 pounds than his son. The next three sires each have eight daughters in this class above 20 pounds. Hengerveld De Kol has three above 25 pounds and one above 30 pounds. Colantha Johanna Lad has six above 20 pounds, Paul Beets De Kol has five, and Aaggie Cornucopia Johanna Lad has four. The first two of these each have three above 25 pounds.

Table X

Senior Four-year-olds

	20 to 25 lbs.	25 to 30 lbs.	30 to 35 lbs.
King of the Pontiacs	10	5	.
Colantha Johanna Lad	5	7	1
Pontiac Korndyke	4	6	1
Aaggie Cornucopia Joh. Lad	7	2	.
Hengerveld De Kol	3	3	2
Home. Girl De Kol Sar. Lad	6	.	.
Paul Beets De Kol	2	1	1
De Kol 2d's Butter Boy 3d	3	1	.
Lord Netherland De Kol	1	1	.

King of the Pontiacs leads here in the number of 20-pound senior four-year-old daughters, but is excelled by Colantha Johanna Lad and Pontiac Korndyke in the number of daughters above 25 pounds. Each of these has one daughter above 30 pounds. Hengerveld De Kol has eight with records above 20 pounds and is the only century sire to have two 30-pound senior four-year-olds. Lord Netherland De Kol enters this class with two daughters above 20 pounds, one of which has a record above 25 pounds.

TABLE XI.

Aged Cows

	20 to 25 lbs.	25 to 30 lbs.	30 to 35 lbs.	35 to 40 lbs.	40 to 50 lbs.
Hengerveld De Kol	29	15	4	.	.
Paul Beets De Kol	31	7	1	.	.
Lord Neth. De Kol	23	10	3	.	.
King of the Pontiacs	11	15	7	.	2
Colantha Johanna Lad	15	11	9	.	.
De Kol 2d's Butter Boy 3d	20	12	1	.	.
Aaggie Cornucopia Joh. Lad	21	9	2	.	.
Pontiac Korndyke	13	8	5	4	.
Home, Girl De Kol Sar. Lad	13	8	1	.	.

Here for the first time we find King of the Pontiacs excelled in the number of 20-pound daughters. Hengerveld De Kol takes first place with 48 in the aged cow class. Paul Beets De Kol and Lord Netherland De Kol also rank above King of the Pontiacs who takes fourth place. The latter leads, however, in the number of 25-pound daughters. He has 24 in this class whereas his nearest competitor, Colantha Johanna Lad, has but 20. King of the Pontiacs, Pontiac Korndyke, and Colantha Johanna Lad each have nine daughters in this class with records above 30 pounds. Four of the Pontiac Korndyke daughters, however, have records above 35 pounds and two of the daughters of King of the Pontiacs have passed the 40-pound mark. King of the Pontiacs is the only century sire credited with a 40-pound daughter in the 28th volume of the Blue Book.

We must live in our work to do it well;
We must dwell in its spirit and bow to its spell;
We must love it and know it to make it count;
We must feel it and trust it before we mount;
We must get from it comfort and pleasure and rest;
We must live in our work if we do it the best.

More in summer than in winter can the full benefits of having a good dairy house be realized. With a good dairy house it is much easier to secure and maintain a cool, even temperature both for the cream and butter, so necessary to secure good quality and appearance in the product.

It will pay the farmers of any community to raise one breed of livestock whether it be cattle, horses, sheep or hogs. It will result in a more rapid improvement of the stock and at less cost, in better financial returns and in a greater interest in stock than the individual farmer can secure.

If the calf has access to good pasture during the first six months it need not receive other roughage. Pastures used in summer should contain plenty of shade. It is not advisable, however, to have a calf under two months of age on pasture in the early spring.

Our Forty-Pound Cows

By WM. A. PRESCOTT

LADY PERFECTION KORNDYKE

W. A. Prescott

EVERY really great cow is a good individual. There have been poor individuals that have made large records but some way I always feel that such a record is more or less a matter of chance, possibly a matter of scientific manipulation and that the poor individual, though she may have a large record, is not likely to transmit any great amount of producing ability. And while there are occasional outstanding exceptions, if a large producer is a high class individual, you can generally count on her offspring delivering the goods.

A former president of the National Association, E. A. Powell, a pioneer breeder and importer, is authority for the statement that practically all of the early foundation cows that left the stamp of their greatness upon future generations, were animals of individual excellence, many of them of show ring quality. And Mr. Powell, on the lecture platform has mentioned a few conspicuous instances of old-time animals of poor individuality, members of prominent herds and given every opportunity, which, although making large records themselves, seemed unable to bear large producing offspring, even when mated with the greatest sires of that time.

I have in mind a 40-pound cow that has made her mark in the show ring. She is Lady Perfection Korndyke, a 40-pound cow developed by Dr. Hubert Work, Pueblo, Colo. She was grand champion at the Colorado State Fair, which gives her the proud distinction of being one of the largest record show cows in the world. This cow has but one daughter yet in milk, a 17-pound two-year-old and her oldest son is only four years old, but we feel we have a right to expect that her offspring will give a good account of themselves.

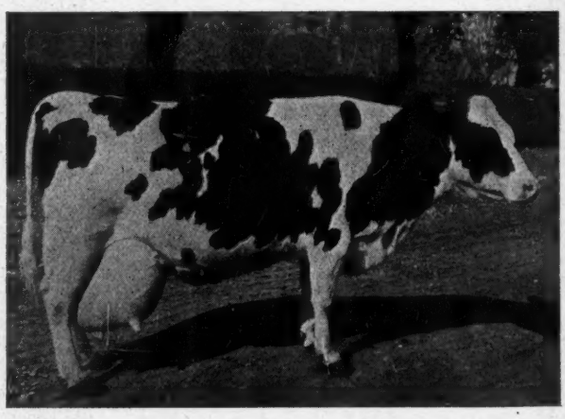
Lady Perfection Korndyke was bred by Ira S. Jarvis, Hartwick Seminary, N. Y., developed by Dr. Work, and sold by him to Spencer Penrose, Turkey Creek Farm, Columbine herd, Lytle, Colo. Her sire, Pontiac Korndyke Hengerveld De Kol, is one of the very best sires ever produced by the mating of Pontiac Korndyke with a daughter of Hengerveld De Kol. His dam being a full sister to Pontiac Lunde Hengerveld, Pontiac Korndyke Hengerveld De Kol has 100 per cent of the same breeding as King of the Pontiacs. He does not, however, depend entirely on his illustrious brother and ancestors for the high esteem in which he is held. He has a fine list of good record daughters, including the 40-pound cow, Lady Perfection Korndyke, of whose records we shall have more to say in a minute; including also Edith Prescott Albina Korndyke (32.68 pounds) and Topsy Korndyke Beets (32.09 pounds at 3 years.)

Woodcroft Perfection. A son of Lady Perfection Korndyke. Purchased in the Worcester Sale for $5,200 by a syndicate of Wisconsin breeders

The dam of Lady Perfection Korndyke is Butter Boy Buttercup Lady Perfection (22.42 pounds) who is a sister to a 30-pound cow and to the dam of the first 31-pound two-year-old. The second dam, a 19-pound cow, has three daughters with records of 20, 22 and 27 pounds.

In respect to individuality and breeding, then, we find Lady Perfection Korndyke taking rank among the very greatest of the breed. There are two other qualities that go to make up a great cow, and given the first two, the others should follow. I refer to producing ability and transmitting power. As to the former, Lady Perfection Korndyke has proved her worth. As to the latter, she is still untried, but the future is bright with boundless possibilities.

The subject of this story was, as has been stated, bred in New York state, but she was sold at a tender age to Dr. Work who developed her into the cow that she is today. She freshened for the first time January 10, 1913, at the age of 2 years 9 months and in A. R. O. test 18 days after calving, produced 535.1 pounds milk, containing 18.67 pounds butter. Attention is particularly called to the milk record, which you will note is over 76 pounds a day on the average—a creditable two-year-old showing.



Lady Perfection Korndyke, one of the two 40-pound cows of the breed with a 1,000-pound yearly record

We next hear from our heroine as a five-year-old, when she broke into the prize list well up near the top with the following production:

Butter 7 days	37.41
Milk seven days	704.10
Average per cent fat	4.25
Butter 30 days	143.73
Milk	3,198.10

This seven-day record won fifth association prize, $38, and her 30-day, also in fifth place, won $32. A very interesting feature of this record is the fact that she produced over 700 pounds of 4 per cent milk in a week. This was done in the first week of her 30-day official test, after which her fat percentage began to decrease somewhat, as her milk flow increased. She averaged for the month over 106½ pounds milk per day, which notwithstanding her slight falling off in fat, brought her 30-day butter record only a few points short of the standard—four times her seven-day record.

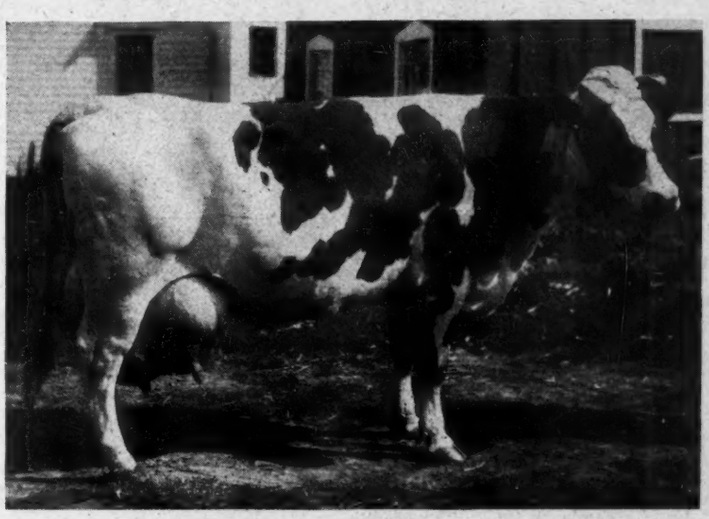
At the end of her 30-day test she was put on semi-official test, but after the first eight months she was given no special care or forcing, as her owner had become

(Continued on page 28.)

PICTURE GALLERY

DOUBLE WORLD'S CHAMPION

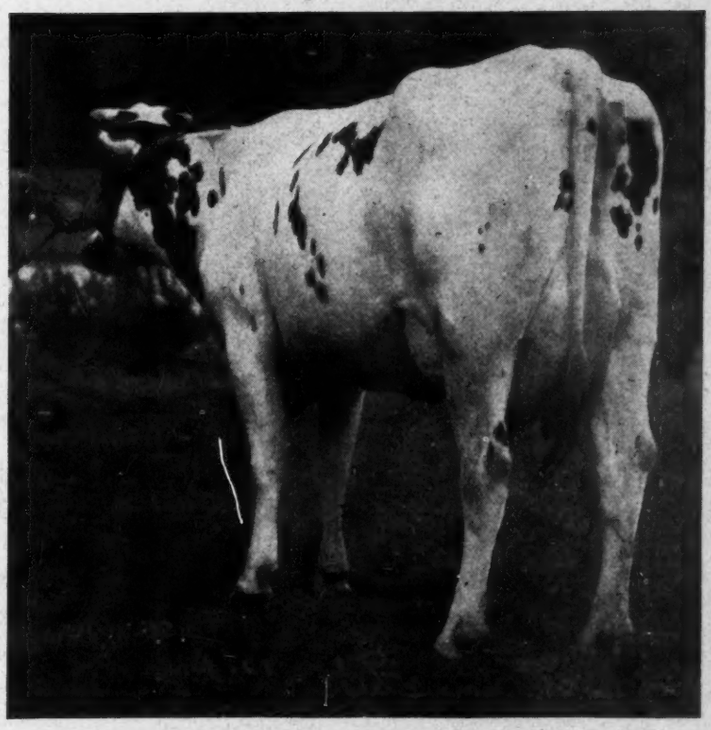
One of the greatest and most consistent milk producers of the breed is the New York heifer, De Kol Paul Cornucopia. At each of her first three freshenings she broke the world's record for the age. First as a yearling she became the champion for both milk and butter both with 461.9 pounds milk and 22.84 pounds butter. Freshening again at 2 years 11 months she annexed the milk record for that age with 679.8 pounds, and a butter production of 24.21 pounds. Her best figures for milk were 697 pounds with 102.8 pounds in a day. This milk record has stood as a world's record in her class for the past seven years. As a senior three-year-old she again broke the world's record with 743.8 pounds milk in seven days, and a butter production of 26.87 pounds. She is a daughter of Aaggie Cornucopia Johanna Lad Jr., bred and developed by M. S. Nye, Preble, N. Y.



De Kol Paul Cornucopia. Butter, 26.87

THE WORLD'S CHAMPION JUNIOR TWO-YEAR-OLD

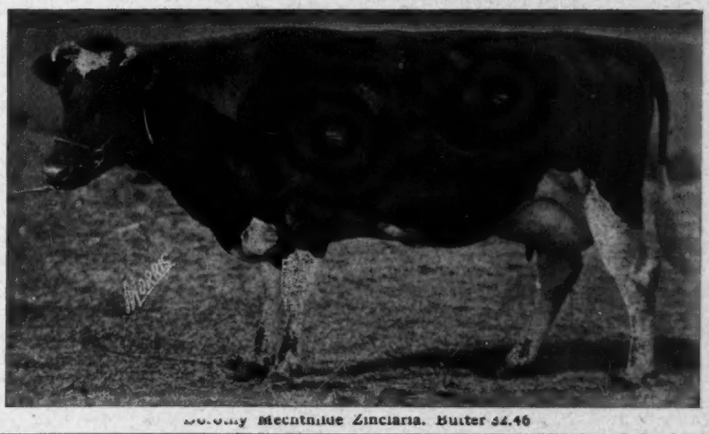
Aaggie Nena Cornucopia is the world's champion junior two-year-old for one, seven and 30 days. Following are her figures: 684.1 pounds in seven days, 2,725.4 pounds in 30 days, 105 pounds in one day. Her butter production was 24.11 pounds in seven days, which, however, was not made in the same period as her best milk record. These records have stood at the top for the past two years. She is a daughter of Aaggie Cornucopia Newman, who is a son of the former world's champion milk producer, Margie Newman. Bred and developed by Charles Eldridge, Chimacum, Wash.



Aaggie Nena Cornucopia. Butter, 24.11

A 32-POUND IOWA PRODUCT

Dorothy Mechthilde Zinclaria is essentially an Iowa product having been bred by Elton Carrison of Osage, Iowa, and developed by her present owners, Hargrove & Arnold, Norwalk, Iowa. The figures of her latest record are 32.46 pounds butter, 585.7 pounds milk in seven days; 125.32 pounds butter, 2,431.4 pounds milk in 30 days. She is described by her owners as a wonderful yearly producer and she will doubtless return a good account of herself in semi-official yearly test. She is a daughter of Carlos Jewel of Cedarside and is his only tested daughter.



Dorothy Mechthilde Zinclaria. Butter 32.46

Published every week by Holstein-Friesian World, Inc., and entered at the Waterloo, Iowa, post office as second class matter.

M. S. PRESCOTT, Editor.
F. T. PRICE, Business Manager and Associate Editor.
P. B. MISNER, Associate Editor.

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WATERLOO, IOWA, AUGUST 17, 1918

This is the gospel of labor
Ring it, ye bells of the kirk
The Lord of love came down from above
To live with the men who work.
—Henry Van Dyke.

The Shows Here Again

THE shows are beginning again. Once more the battle for supremacy in individuality is on and the Holstein lover of things beautiful in form and finish can feast his eyes and fill his soul.

For who does not love a beautiful black and white cow or a superb, regal, imposing sire? It is these that keep our faith in the future of the breed secure. We see in better cows and better bulls the signs of progress without which any industry, and especially that of cattle breeding, is lost. We see the work of generations bearing fruit. We know when we see the improvements in the way of form and symmetry that each season's rings bring out that we are keeping up the fight and that reward will be ours if we persevere. Our development in production we realize day by day and week by week as we reach new and hitherto undreamed of goals for milk and butter. Individuality must of necessity keep pace with production if we are to have a breed that shall endure, and it is only through the comparisons afforded by the show rings that we know how we are faring as to purity of type.

Holstein breeders quite generally contend that individuality goes with production and a study of the high producers of the breed shows how true this is. The show rings prove it but it requires the keen competition of the rings and the expert eyes of the qualified judges to fix the proper goals and standards.

The show ring is our proving ground. There can be production from inferior type and there can be type that does not produce. We may say that production determines type, and it is the show ring's mission to bring home to us the lessons which will teach us to choose the true from the false in type.

The business of showing cattle in competition may be said to be in the nature of an investment. Those who make this investment get returns in the form of lessons in type and breeding for type that are worth much. They get returns in the form of prizes.

They get returns in the form of advertising for everybody is looking at the returns from the show rings and keen to get in touch with the breeder who can produce the individuality that wins approval in such competition as the rings afford.

It is a good investment, the show ring. It is worth all it costs to the man who has faith in his cattle. It is a hard game to play, but there never was a game worth winning that was not hard to play. The harder the game and the more difficult the goal, the greater we find the rewards and the satisfaction that follow a successful campaign.

Try the show circuit with your herd this fall if you can, although the time is rather limited to make the decision and to get together a creditable combination. Now is the time to make a start—a start that you will never regret.

Those who cannot by any chance have a hand in the show game this fall should avail themselves of every opportunity to visit the rings and study individuality as the judges and exhibitors interpret it. Be sure that you attend at least two shows—your own state fair and the National at Columbus. It is not necessary to tell Holstein men to attend their local shows for the Holstein men are usually those who promote and direct these.

Spare time, however, this year to study individuality at the ring side. It will be time well spent.

True Economy in Feeding

FEED is high and nobody realizes that more than the Holstein breeder. The future of his herd depends on its development and he must keep the work going at almost top speed or suffer the penalty of being left behind in the march of progress.

The World advises every Holstein man to be economical but never niggardly in feeding. Use every known means to prevent waste, but do not carry that economy to the point where the future well-being of the herd is endangered. It is possible to be economical without that and besides when carried to extremes in this matter, economy becomes shortsightedness and defeating the very purposes it seeks to accomplish.

An eminent western professor said not long ago in discussing the question of how much grain to feed to our herds: "I have noticed that a buyer does not care much about looking at a bunch of rough purebred calves that have been sparsely fed, nor does he think much of a purebred herd of cows that is kept on rough feeds. A man who is in the raising of purebred cattle has to spend some money for advertising. One way to advertise is to have the herd looking well. To advertise purebred stock in journals is important to attract buyers; but it is equally important not to disappoint the buyers by presenting a scrubby herd. It pays to be liberal in feeding grain. This is especially true in the raising of purebred cattle."

True economy in feeding does not lose sight of the ultimate goal of the purebred breeder which must be development to higher standards.

THE sale season is closed but within a very few weeks the fall auctions will be attracting attention and new records may be looked for in the way of prices. Everywhere the demand is keen for the right kind of stock. Everywhere the gospel of efficiency is driving the dairyman to see the wisdom of using purebred sires or purebred herds. Today's call is for more production and the Holstein cow stands alone as the master machine in the dairy industry. Another sale season will without doubt prove still more strongly than has the past one just how badly this country wants good, purebred Holsteins.

DON'T neglect to write us the news. The new World needs news. Your Holstein friends will be interested in the development of the breed. Some of them may seem trivial beside the big $100,000, 40-pound happenings that are recorded, but it's all news; and if you look over the World you'll find plenty of things that interest you that do not come in the other class. Reciprocate—send in the news so we can print it for the other fellow's benefit.

HOW about that census for the Holstein breed? Ought to be a good time to take it, and the association will undoubtedly get better response from the membership if it pushes the matter now. The herds of the country are more stable in size and membership at this season of the year than at any other, and the proper appeal now might bring the much desired response. The census would furnish much data which are really needed, and a campaign to put it through now would be decidedly in order.

What kind of salesman is it that sells over a million dollars' worth of cattle in two years? Has ever a man equaled that record as a sales manager? That's the Moyer record for five sales held since June 1916.

How the Merger Appeals to These Gentlemen

The Way Some Other World and Record Readers Feel Over It

THE following additional letters concerning the merger of the WORLD AND RECORD are but a few of the many endorsements of the action. We say again, no effort will be spared in making the World a publication that will merit in the fullest measure all of these good words.

FROM H. A. MOYER

Regarding the merger of the Black and White Record and the Holstein-Friesian World, I must say that I will miss the Black and White Record and I am sure I will feel I have not received all of the Holstein papers when you have stopped issuing the Black and White Record.

However, I believe with the efforts of Mr. Price and Mr. Prescott, all put upon one paper, greater results will be obtained in the end and less expensive for the advertisers and I am quite sure that the Holstein World will be a much greater paper after August 1st when the efforts of both papers are put into the World. I wish you success with your new undertaking and I shall be pleased to do anything I can to help you succeed with the new combination.

Syracuse, N. Y. H. A. MOYER.

H. A. Moyer

Fred Pabst

FROM W. E. SKINNER

We congratulate you very sincerely on bringing about the merger of the World and Record. We have felt that one well conducted paper might serve the field occupied by both, and we wish you every success in the world.

Chicago, Ill. W. E. SKINNER.
Gen. Manager Nat'l Dairy Ass'n

FROM FRED PABST

I am pleased to receive your favor informing me of the merger of the Black and White Record and the Holstein-Friesian World.

In my opinion this is a step in the right direction and my best wishes for your success accompany this letter.

Oconomowoc, Wis. FRED PABST.

FROM JOHN A. BELL JR.

I am much pleased to note the consolidation of the World and Record has been consummated. This is certainly good news to the breeder who is investing his money in advertising.

Pittsburgh, Pa. JOHN A. BELL JR.

FROM H. W. FAVILLE

We are happy to congratulate you and think that this merger of the two leading Black and White papers will be a big success. This new publication ought to be a big thing right from the sendoff and we think that the breeders will be highly pleased in this merger as that will concentrate the reading and advertising matter so that we will not have to be dividing our patronage between the two. We believe with you that you will be able to give us much better service than two papers could and the breeders in turn can give you all of their support.

H. W. FAVILLE, manager Milford Meadows Stock Farm.

FROM PROF. C. S. PLUMB

I have your notice of the merger of the Black and White Record and the Holstein-Friesian World and I wish to congratulate you upon this consolidation of your forces. I have every confidence in this co-operative movement working even better results for the great Holstein-Friesian breed than has ocurred up to this time, great as that has been. I feel certain that I can express the sentiments of the thoughtful breeders of Holstein-Friesian cattle.

Ohio State University, Columbus C. S. PLUMB.

FROM JOSEPH B. PERKINS

I have just read the editorial in the July 25th number of the Black and White Record, announcing union of the Record and the World, and write to extend my most hearty congratulations. I am sure that the move is a good one for all parties concerned. There has been no legitimate demand for three Holstein papers, and I am sure breeders through the country will be glad to learn that they will hereafter only need to read one paper to keep posted as to what is going on, and advertise in one paper to secure the necessary number of purchasers.

The new paper by its larger circulation and proportionately reduced expense will, I both hope and believe, prove increasingly profitable to its owners.

Springfield, Ill. JOSEPH B. PERKINS.

NEWS OF THE TRADE

GOOD ONES AT DUTCHLAND FARMS

We are pleased to report that Dutchland Colantha Cornucopia has recently made 30.71 pounds of butter from 512 pounds of milk. This record was made during extremely hot weather, in fact the day she completed her test, the thermometer was at just 100. Had she calved in cold weather she would have made a much larger record but it is particularly pleasing to us to be able to get 30 pounds with her at this time as this gives Colantha Johanna Lad, 20 30-pound daughters (the number we predicted a year ago he would have this season), and completes a set of three full sisters each with records greater than 30 pounds. We understand these are the only three full sisters in the world making 30-pound records.

We are also pleased to report that K. S. P. Diona, who will be remembered as a full sister to King Segis Pontiac Konigen, our $35,000 bull, has just completed a record during the same period of 31.82 pounds of butter from 582.6 pounds of milk and she completes another set of three generations of 30-pound cows; in fact, the three generations average over 36 pounds, or the third largest in the world.

We have a bull from this cow, sired by King Korndyke Sadie Vale. The lowest record dam in this bull's pedigree, containing seven dams, is Sadie Vale Concordia, the former world's champion for butter production. Every cow in the pedigree is a 30-pound animal and the average is 36.50 pounds of butter. Every cow in the pedigree, with one exception, has over 600 pounds of milk and she made 582 pounds and the average is nearly 650 pounds.

The calf is a wonderfully good individual, and is the highest class bull we have ever been able to offer. Note that this bull brings together the blood of two sets of the three-generation combinations of 30-pound animals, in fact two of the three largest in the world.—Fred F. Field Holstein Company, Massachusetts.

ONE OF THE OLD FASHIONED KIND

A cow of old-fashioned dairy type is Onyx Clothilde, the 32-pound cow shown in the accompanying illustration. Her record is 32.25 pounds butter, 649.3 pounds milk in seven days at the age of 9 years 9 months. At just past 11 years of age she was sold in the Pine Grove Sale for $1,500, the fortunate purchaser being Paul T. Brady, Pawling, N. Y. She comes of the lines of breeding that were famous a number of years ago, her sire being a grandson of Mutual Friend 3d's Paul, and tracing on her dam's side to the Onyx, Clothilde, Concordia and America families.

HOME FARM PREPARES FOR THE FUTURE

Four of our young daughters of King Korndyke Sadie Vale 24th are now in the northern part of the state being bred to two good sires—namely, King Korndyke Sadie Vale Pietertje, owned by Corwin Farms of Rock Valley, and Rag Apple Korndyke Segis owned by Rensink Brothers of Boyden. The former bull is a 30-pound son of King Korndyke Sadie Vale and is three-fourths brother to the 40-pound three-year-old, K. K. S. V. Topsy and to the youngest 29-pound cow. The two heifers sent to this sire are both out of daughters of Sir Sadie Cornucopia (the best son of Sadie Vale Concordia), the dam of one being a 20-pound two-year-old and the dam of the other a 19-pound two-year-old. The calves from this service will trace four times to King Segis and three times to Sadie Vale Concordia. The Rag Apple bull is a splendid son of Rag Apple Korndyke out of the 38-pound granddaughter of King Segis, Orchard Grove Rose Segis; the heifers bred to him are out of a 29-pound cow and her two-year-old daughter.

MANAGER DANKS GIVES THEM THE O. K.

Manager Danks of Allamuchy and Tranquillity Farms, speaking of the calves of King of the Ormsbys in a recent letter says. "They are a treat to any lover of Holstein type, no slopers, all nicely marked and full of quality. They are without exception the best calves I have ever seen."

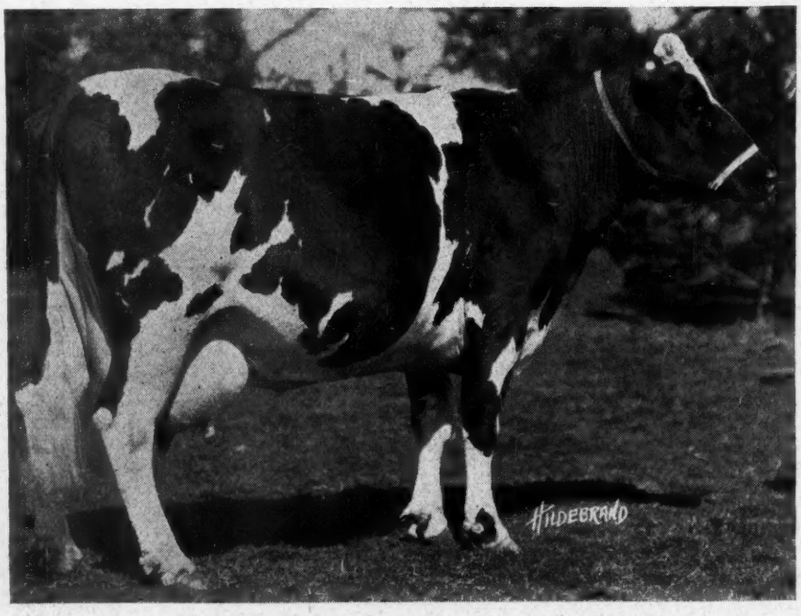
HOOSIER HERD DISPERSAL

Springdale Farm Herd will be dispersed by the owner, Dr. S. P. Scherer at Fishers, Ind., on September 11th. This is the largest herd in the state and is a herd that has been raised and developed by the owner who has taken pride in its development and in the fact that this herd is clean and free from tuberculosis. The Hoosier Herd, for Hoosier is the registered prefix to the names of the animals in this herd, is one of the animals bred for both individuality and production. Each animal will be guaranteed by the owner to be as represented.

Springdale Farms are situated 15 miles northeast of Indianapolis. They comprise 360 acres of good Indiana land and have a complete equipment for the breeding and developing of a high class herd of dairy animals.

The herd is headed by Prince Pontiac Aesula Korndyke who was by Pontiac Korndyke from a good daughter of that same sire and so has a combination of blood lines found in some of the best daughters of that wonderful bull.

There are about 70 animals in the herd and as this is a genuine breeders' dispersal it ought to attract anyone looking for good cattle. The herd has been bred for production and the buyers will get stock that will, if given the opportunity, make splendid official and year records.—G. H. Truckell.



Onyx Clothilde, 32.25 lbs. butter. One of the old fashioned kind

TWO NEW STATE CHAMPIONS IN MARYLAND

Two new champions for the state of Maryland have recently been developed at Essex Farm, Lutherville, Md. One of these is the two-year-old S. X. Segis Lottie Beauty, with 20.39 pounds, she being the first 20-pound two-year-old in the state. She is a granddaughter of Pietertje Hengerveld Segis and a very promising candidate for higher honors. The other state champion was also a two-year-old that has completed a year's record above 17,000 pounds milk. The herd at Essex Farm now numbers 60 head with a high class son of King of the Pontiacs standing at its head. John M. Dennis, a political power in the state, is the owner and the herd is now under the supervision of Homer Dunham. Particular attention is going to be given to long-time work. A show herd is also being fitted which will go out to five fairs in the south and which may wind up at the National, Mr. Dunham being very anxious to come into competition with the Carnation herd, of which his father H. M. Dunham, is superintendent.

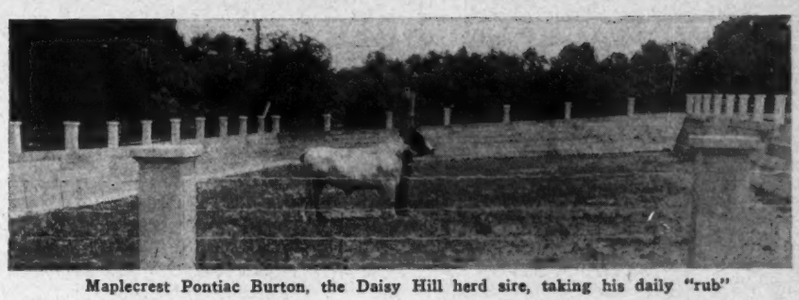
Editor of the World—

Many of our friends are taking advantage of the pre-sale season to order herd sire pedigrees and to have herd registers brought right up to date. John W. Potter of Conway, N. H., ordered a bunch of printed pedigrees for a young bull sired by Colantha Sir Aaggie Johanna De Kol from the 28.7-pound four-year-old, Altuna Christina Cornucopia, whose dam was a 23.7-pound cow that produced 98.4 pounds milk in a day.

The sire is from a 27-pound three-year-old daughter of Colantha Johanna Lad and was sired by Colantha Sir Aaggie who now has a 30-pound daughter and is from Aaggie Cornucopia Pauline, who has three sons with 30-pound daughters, two daughters above 30 pounds that each have 30-pound daughters, and is the foundation animal of the only instance of four direct descendant cows that each have 30 pounds official seven-day butter records.

The Flock Brewing Company are having a number of Ideal Herd Register pedigrees made. Their herd is strong in the blood of King Colantha Clothilde 3d whose dam is full sister to Marion Walker Pietertje, 31.63-pound daughter of a 32-pound cow, and whose granddams are both foundation animals of three direct descendant 30-pound cows. King Colantha Clothilde 3d is a grandson of Abby Hartog Clothilde, who is also the head animal of three direct descendant 30-pound cows, so that transmitting and producing ability is strongly evident in these pedigrees.

We are booking orders for fall catalogs now and as there will be a big demand for such books and mail and express service so far behind prewar conditions, we advise breeders to get all entries to us in lots of time before they are actually needed as we had to refuse many catalog and pedigree orders last season. Our office force is willing to do all they can, but we cannot ask too much of them, so respectfully ask the co-operation of our friends, the breeders.—E. M. Hastings Co.



Maplecrest Pontiac Burton, the Daisy Hill herd sire, taking his daily "rub"

BULL PEN AT DAISY HILL FARMS

The accompanying picture shows Maplecrest Pontiac Burton, the junior herd sire at Daisy Hill Farms taking a rub at the rubbing post, which is located in a very spacious bull paddock that Daisy Hill Farms have received so many compliments on the splendid condition of their herd sires. It will be noted that the sides of this paddock are at quite a slant or angle, which has a tendency to glance off all blows that the bulls may make on it. At Daisy Hill Farms is one of the most complete Holstein plants in the country and this bull paddock is simply an illustration of the attention which has been given to every detail of construction all the way through the plant. James A. Reynolds, who is also serving his district in the state legislature, has been in charge of Daisy Hill Farms for a number of years past.

AUCTIONEER BELL MOVES TO CALIFORNIA

Geo. W. Bell, the auctioneer of Parsons, Kan., writes that after having visited the Holstein sections of California and the many good herds of purebred cattle in that state, he has decided to make the change and call sales in a more thickly settled dairy section. Mr. Bell writes from Tulare, Cal., which will be his new address: "I was greatly surprised to find so much good blood flowing through the herds, as the Holsteins carry here. I regret leaving my friends and fellow breeders in Kansas, but hope to be able to serve the breeders in California."

BROAD MEADOWS FARMS PURCHASE GOOD ONES

In addition to having purchased the Mighty Monarch to place at the head of their herd, Broad Meadows Farms has also purchased two wonderfully well bred cows in Vikina Johanna 2d and Diona Konigen Pietertje 2d. The former is a 32.45-pound sister to Segis Fayne Johanna, from the same dam and the latter is a 35.94-pound four-year-old daughter of Diona Konigen Pietertje, 37.45 pounds. The animals in question were purchased from Pine Grove Farms.

CALVES OF THE FUTURE

Did you notice that Segis Hengerveld Fayne Johanna (47.35 pounds) and second highest record cow in the world has been bred to Rag Apple the Great? This means the six nearest dams of the next calf will average a little better than 44.26 pounds. Segis Fayne Johanna will be bred to The Mighty Monarch, which will give an average of 44.70 pounds for the five nearest dams.

GOOD ONES FROM THE PUGET SOUND HERD

H. Stevens of Olympia, Wash., who bought four registered Holsteins from Wm. Bishop a few years ago has again visited the herd and selected four more, that are soon due to freshen and it is said he obtained four of the best individual animals ever sold from Puget Sound Herd. They are also exceptionally well bred. Two of the heifers are sired by Sir Chimacum Wayne, a son of Chimacum Wayne Boon with two yearly records that average over 1,100 pounds butter. The dams also have yearly records. One is a three-fourths sister to the world's record milk producer and has a record of 902 pounds of butter from over 26,000 pounds milk. The dam of the other has a record of close to 600 pounds of butter as a two-year-old.

The other two heifers are from dams with good records and by a sire from a dam with a yearly record of 1,125 pounds of butter in a year, and he in turn by King Korndyke Sadie Vale.

Mr. Stevens is a son of the first governor of Washington, and every good wish for his success goes with his recent purchase.

PROFESSOR KILDEE BACK TO IOWA

Prof. H. H. Kildee, one of the best known animal husbandrymen of the country and equally well known as a judge of Holsteins, is to again take up his duties with the Iowa State College. In 1916 he was appointed chief of the dairy husbandry division of the Minnesota State College to succeed Professor Haecker, which position he now severs to resume his connection with the Iowa State College as head of the animal husbandry department. Iowa prides herself in his return.

ALBINA JOSIE 2D MAKES GREAT RECORD

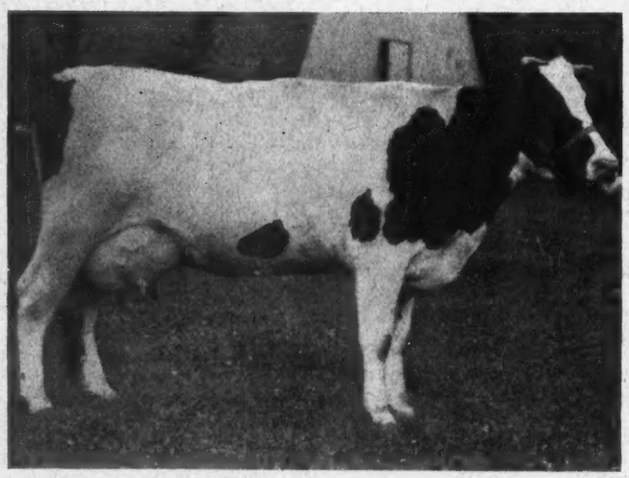
Albina Josie 2d, a junior two-year-old daughter of Rag Apple Korndyke 8th and Albina Josie (40.14 pounds), has just completed a record of 24.77 pounds butter from 402 pounds milk. Albina Josie was purchased at the Milwaukee sale by N. P. Hanson of Westbury, Minn., for $5,200. Her dam sold in the same sale for $10,000 going to Carnation Farms, Seattle, Wash.

SAFETY FIRST

"Why," asks a Missouri paper, "does Missouri stand at the head in raising mules?"

"Because," says another paper, "that is the only safe place to stand."

Four-Year-Old Breaks American Record



LOLA PONTIAC SEGIS
This remarkable heifer has recently become champion milk producer of America for one of her age. Owned by Arden Farms, Minnesota

The first four-year-old daughter of King Segis Pontiac Count has recently been tested, and a new American record for seven-day milk production is the result. Lola Pontiac Segis is the name of the new record breaker, and the figures of her new record, which was made at just three weeks over four years of age, are as follows:

	Butter	Milk
7 days	3413	772.8
30 days	139.60	3,013.5

This is the largest seven-day record of milk production ever made in the United States, being second only to the Canadian heifer, Zarilda Clothilde 3d De Kol, whose record of 817.4 pounds stands as a world's record. Her butter record, however, is 5.41 pounds less than that of the Minnesota heifer. It will thus be seen that Lola Pontiac Segis holds the combination record for milk and butter in her class.

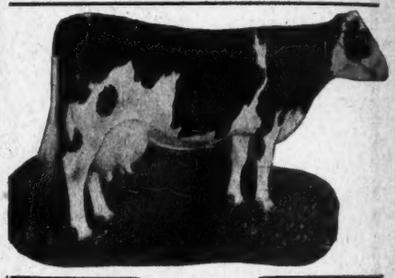
This latest performance is not the first appearance of Lola Pontiac Segis, as she has been a consistent performer from the time of her first freshening. Her records at two and three years are as follows:

		Butter	Milk
At 3 years	7 days	32.60	662.2
	30 days	129.84	2,691.3
At 2 years	7 days	20.10	435.2
	30 days	78.18	1,736.0

It will be seen from the foregoing that she has an average for her records at three and four years of 717.5 pounds milk, 33.36 pounds butter, and for her three records at two, three, and four years, of 623.4 pounds milk, 28.94 pounds butter. These butter records rank close to the top, and the milk records in each instance stand as world's records, equaled by no other heifer of the breed. Her 30-day average of 2,852.4 pounds at three and four years is also a world's record average. She is being carried along in semi-official test for the full year, and according to present indications will crowd the 1,200-pound mark very closely at the finish.

This performance adds a number of additional statements to the already stupendous list applying only to King Segis Pontiac Count, the sire of Lola Pontiac Segis. He now stands as the only sire of the breed having three daughters with seven-day milk records above 700 pounds at less than full age. In fact, but one other sire, Aaggie Cornucopia Newman, has more than one such daughter, and his total is two. We find among his daughters the American champion milk producer in the junior four-year-old class, and the world's champion for combined milk and butter in the same class; the world's champion senior three-year-old milk producer for all periods up to 120 days, and the world's champion for combined milk and butter; and in the junior three-year-old class the world's champion milk and butter. His four highest record daughters average 34.86 pounds butter, 711.9 pounds milk at an average age of 3 years 7 months. Only four animals under full age have ever equaled this showing for combined milk and butter. These four are Ormsby Jane Segis Aaggie at four and one-half years, and two daughters of King Segis Pontiac Count—Beauty Girl Pontiac Segis and Jewel Pontiac Segis, respectively junior and senior three-year-olds.

The daughters of King Segis Pontiac Count have competed for prizes during only the last three years, as the record of Lola Pontiac Segis is the first one to be made at the third freshening. All the records therefore that have competed for prize money have been made by two- and three-year-old heifers. It is especially creditable therefore that the daughters of King Segis Pontiac Count in the last three years have won 18 first places and 17 first prizes, being once debarred from a first prize, although ranking first for the year. Seventeen of these first places have been won during the past two years. Jewel Pontiac Segis accounts for nine of them; Johanna Deen Segis Pontiac for four; Beauty Girl Pontiac Segis for four; and Beauty Beets Walker Segis for one. And now we have Lola Pontiac Segis as a likely addition to the list for the current year. As factors in the prize money for 1918-19, King Segis Pontiac Count can depend on a high ranking for Lola Pontiac Segis for both milk and butter, for both seven and 30 days, and there is a possibility that she may complete some of her long-distance work in time to get in for this year. In addition we find that Jewel Pontiac Segis and Beauty Beets Walker Segis are both hanging up sensational yearly records, sure to rank very near the top in the senior three- and senior two-year-old classes. These daughters of King Segis Pontiac Count are good ones to keep watch of, whenever and wherever you may find them. They have been making themselves very much at home at Arden Farms, St. Paul, Minn.



Rhoda Jewel Abbekerk 3d Gerben

Butter, 7 days	**32.15**
Milk	**582.10**
Butter, 30 days	**126.15**
Milk	**2,539.10**

Dam of a 33-lb. four-year-old.

This is the sort of cows we are building our herd from.

We have two of her daughters by good bulls.

We also have her three-fourths sister with a 31-lb. record.

Remember our herd is headed by KING BESS JOHANNA ORMSBY, the greatest combination of individuality, size and production.

He is exceptionally strong in yearly records.

Meadow Lane Farm
Aitken Bros.

Waukesha Wis.

72 page catalog
mailed upon request

DE LAVAL

CREAM SEPARATORS

Save Cream, Time and Labor

Save Cream: If you are trying to get along without a cream separator, or are using an inferior or half-worn-out machine, with butter at 40 to 50 cents a pound, a De Laval would soon save enough cream to pay for itself.

Save Labor : A good cream separator is a big time and labor saver. And this year, more than ever before, time saving and labor saving on the farm mean money saving.

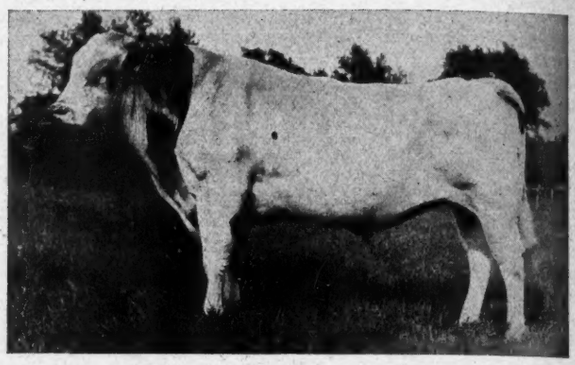
There is no other cream separator that can compare with the De Laval in clean skimming, capacity, ease of operation, durability and freedom from repairs.

Order your De Laval now when you need it and let it begin saving cream for you right away. Remember that a De Laval may be bought for cash or on such liberal terms as to save its own cost. See the local De Laval agent, or, if you don't know him, write to the nearest De Laval office as below.

THE DE LAVAL SEPARATOR CO.

165 Broadway, New York **29 E. Madison St., Chicago**

King Pontiac Champion



80 A. R. O. Daughters——14 A. R. Sons

More A. R. O. Daughters

More 30-lb. Daughters

More 25-lb. Daughters

More 20-lb. Daughters

More 20-lb. Two-year-old Daughters

More Semi-official Record Daughters Than has any other son of his sire.

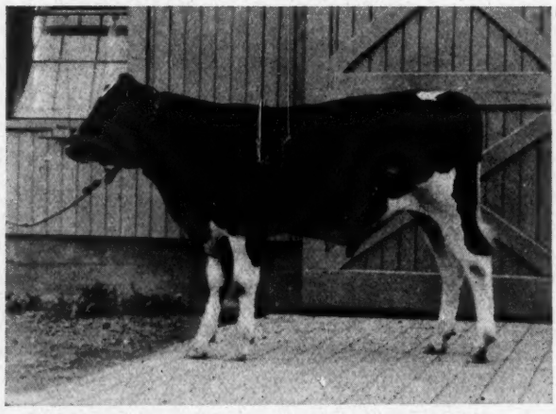
A World's Record Average for His 20 Semi-officially Tested Daughters

The Logical Successor to His Sire
KING OF THE PONTIACS
With more 30-lb. and more 40-lb. daughters than any other sire

A Pabst Quality Bull!

PABST STOCK FARM, Oconomowoc, Wis.

Who Wants This Bull?



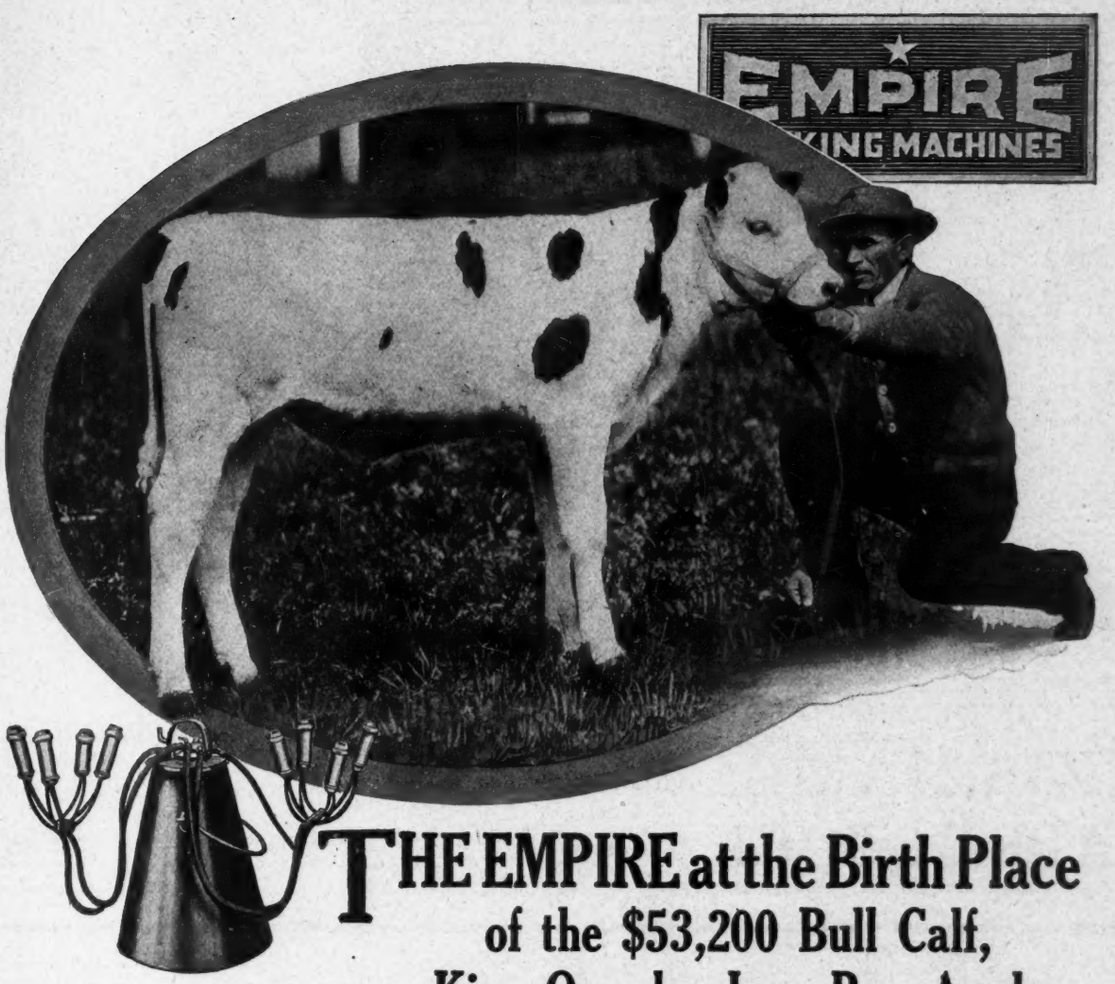
Born Oct. 5, 1917

Sire—King Pontiac Reliance. A son of King of the Pontiacs from the best daughter of King Korndyke Hengerveld Ormsby, Maple Knoll Helen—33.16 lbs. butter in seven days.

Dam—Pauline Soldene De Kol 4th 24.21 butter in seven days as a junior three-year-old. Her dam has four A. R. O. daughters including one above 30 pounds and her sire is Sir Rag Apple Korndyke (28 A. R. O. daughters) a son of Sadie Vale Korndyke (36.20 lbs. butter in seven days).

This calf is perfect individually and his dam (only a three-year-old now) one of our best young cows—we consider him worth $300.

ONEIDA COMMUNITY, L'td Kenwood, N. Y. Madison County



THE EMPIRE at the Birth Place of the $53,200 Bull Calf, King Ormsby Jane Rag Apple

Every Holstein man in America knows Oliver Cabana, Jr., and his Pine Grove herd—famous for the bull calf which brought the record price at Worcester—for the great herd bull, Rag Apple Korndyke 8th—for Segis Fayne Johanna, the champion milk cow, with her record of 50.68 lbs. of butter in 7 days. Many of you, too, know how carefully Charley Cole conditioned the latter for her test.

It is time for the *world* to know that this high bred herd is milked with the Empire Milker. Here is a test of responsibility. Empire Milkers get the milk; they keep up the flow for the *full period of lactation* and usually they *increase the yield.* They milk more *gently* and *uniformly* than even the calf—or the most reliable of hand milkers.

Scores of prize milk herds of *all breeds* are today milked by the Empire. It is so simple, that at many of these dairies, a 10-year-old boy or girl with an Empire Outfit is doing *all* the milking, putting an end to the labor problem.

Every owner of eight or more milk cows will save wages by installing Empire Milkers—and usually he will increase the size of his milk check. Get in touch with the Empire dealer at once so that he can supply you.

Write us for Catalog No. 72

EMPIRE CREAM SEPARATOR COMPANY

DENVER, COLORADO
CHICAGO, ILLINOIS

Bloomfield, New Jersey

MONTREAL and TORONTO
CANADA

Also Manufacturers of Empire Cream Separators, Gasoline Engines and Farm Electric Plants

CLOSE TO THE TOP

OUR SENIOR SIRE—King Segis Pontiac Willington 158145 is a son of King Segis Pontiac Alcartra, and the former world's champion, Prilly Princess Julia De Kol (30.44 lbs. at 4½ yrs.) His first daughter made at 1 yr., 9 mo., 23.97 lbs., second largest ever made at the age.

OUR JUNIOR SIRE—King Korndyke Fannie Veeman is a son of King Korndyke Sadie Vale from a 30-lb. 3-year-old daughter of Sir Veeman Hengerveld—one of the greatest prospects in W. D. Robens' herd.

WE ARE DEVELOPING our entire herd in official test, and have made a large number of records above 30 lbs. with many more prospects on the way.

OUR HERD IS HEALTHY—tuberculin tested regularly, and free from all diseases.

IF YOU LIKE THE COMBINATION, WHY NOT LET US HELP YOU IN SOLVING THE BULL PROBLEM?

Write Us Your Wants

GARDINER HALL Jr. & CO.

H. P. LOVERIN, Mgr. **South Willington, Conn.**

King Pontiac Canary

Half a hundred A. R. O. daughters

Including 13 heifers with records of 20 to 28 lbs. No daughters yet tested in mature form.

Good Prospects for Future Development

As an individual King of the Pontiacs never sired a better one.

As a transmitting sire His daughters show uniformly heavy production with a high average test. Individually they are winners.

As the sire of your next bull You might do worse. We have been breeding Holsteins since the pioneer days, and can furnish young bulls backed by generations of high record cows coming from lines that have won popularity through merit.

Write us your requirements, and we will send you pedigrees, etc., of some bargains hard to duplicate.

LAMB & LANGWORTHY

Maplehurst Farms **East Hamilton, N. Y.**

A HOLSTEIN CREED FOR CONNECTICUT

The board of directors of the Holstein-Friesian Breeders' Association of Connecticut, Inc., recently adopted the following creed which was submitted by R. E. Dodge of Washington. There are some excellent ideas expounded here. No other class of breeders has made as rapid progress in the past, nor will they equal the progress of dairy breed development until they have a measurement of utility as easy and accurate as the records of milk and fat production. If all breeders of grade herds would today grasp the opportunity of using proven stock now afforded, the dairy products of the cow could be nearly doubled in five years.

1. We believe the Holstein-Friesian cow to be the best dairy cow for the state.
2. We believe the test of a dairy cow is her ability to produce milk and fat year after year.
3. We believe every dairy herd in the state can be improved by the breeding of cows of better dairy inheritance.
4. We believe every grade herd should be headed by a purebred sire of tested dairy inheritance.
5. We believe that the day of the grade bull is past and that no bull should stand for public service unless his two nearest dams have been tested and exceeded the official requirements for their age by at least 20 per cent.
6. We believe no Holstein breeder in the state should sell for service purposes any bull from an untested dam.
7. We believe the purebred scrub is a menace to the dairying world, and that performance is as essential as pedigree.
8. We believe the future of Holstein breeding in the state depends on the number of purebred herds and of good grade herds with purebred sires that can be established.
9. We believe that public and private sales should be based on proved merits of the animals, and that the methods of the one-time "horse trader" should be discountenanced by every breeder.
10. We believe a disappointed beginner in the Holstein business is the worst form of advertising.
11. We believe honest, good honest methods and honest publicity in reference to the breed will put a Holstein herd on most of the dairy farms of the state, to the profit of the owners and the credit of the breed.

Senior Sire

King Pontiac Dione

He is sired by King Segis Pontiac, the well known sire of high priced bulls and whose dam was the first 37-lb. cow, Pontiac Clothilde De Kol 2d.

His dam, Pontiac Diona, is one of the highest yearly record daughters of the great Hengerveld De Kol.

King Pontiac Dione is an extra good individual. This can also be said of his daughters and they are making good records, both short and long time.

WAKEFIELD FARM

GEO. E. VAN HAGEN, Owner

Our herd numbers over 155 head and contains animals with the best of breeding. The herd contains a large number of daughters of our two well bred sons.

We can offer you sons of King Segis Pontiac Chicago, out of daughters of King Pontiac Dione, also sons of King Pontiac Dione from high record dams.

We will be glad to hear from you.

A. N. DUNLOP, Supt. **Barrington, Ill.**

Junior Sire

King Segis Pontiac Chicago—the $20,000 Bull

This highly prized young bull is also sired by King Segis Pontiac. His dam is Johanna De Kol Van Beers, the former world's champion.

The two nearest dams of this bull average:

7 days—38.64 lbs. butter; 654.7 lbs. milk.

30 days—148.34 lbs. butter; 2,676.3 lbs. milk.

His splendid individuality is transmitted in a marked degree to his offspring.

Universal natural milker

Easy Sales for Dealers with This *Natural* Milker—Farmers Like It

Hundreds can see that this is the time the farmer *needs* the aid of a Universal Milker.

Many are *profiting* by it!

They are reporting big and satisfactory sales with the Universal.

Can you see this big opportunity? Will you take advantage of it today?

Universals are easier to sell and to sell more of.

—and they are quickly and easily installed on every farm.

Their special features, found exclusively in Universals have made them a boon to farmers and dairymen.

Read what this farmer has to say:

June 25, 1918

Gentlemen:

I have been using the Universal Milker since last March.

I was very skeptical about using a milking machine on my good dairy herd, but will say frankly that after this experience, I would purchase another even if it cost $1,000.00.

(Signed) A. M. Seymour,
Copenhagen, N. Y.

Sell these Universal points of superiority.

Universal teat cup fits any cow.

Alternating action, milks two teats at a time while releasing and massaging other two. Like milking with hands.

Universal Pulsator, proof against oil or milk, easily adjusted.

Do not overlook this big opportunity. Universals are making money for aggressive dealers everywhere.

Write today for catalog and proposition.

The Universal Milking Machine Company
201 Mound Street, Columbus, Ohio

OUR FORTY-POUND COWS

(Continued from page 16.)

alarmed at reports of cows being injured in their breeding functions by too much continued hard work on test. It was impossible, however, to prevent her making a large record. She averaged over 100 pounds milk a day for the first 100 days of her test, and finally, produced 27,008.4 pounds milk for the year, her butter record being 1,046.12 pounds. Her milk record stood in eighth place for the year in the full-aged class, and her butter record in 21st place, winning $31.50.

During the tenth month of her test Lady Perfection Korndyke was bred and upon freshening from this service made the following records:

Butter 7 days	40.25
Milk 7 days	726.70
Average per cent fat	4.43
Butter 30 days	161.01
Milk	3,013.40
Average per cent fat	4.27

These butter records won ninth and fourth places and the milk records tenth and eighth for the year just past, which gives her a total of $179 in prize money won in two lactation periods.

She is the only cow with but two exceptions to make two records above 37 pounds butter from over 700 pounds milk. She is one of the very few cows to make two 30-day milk records above 3,000 pounds each. She is the only cow, with one exception, to follow a 37-pound record with a 40-pound record, and with the single exception of Tilly Alcartra, she is the only cow to make a 40-pound record, after completing a 1,000-pound yearly record.

Butter Boy Buttercup Lady Perfection. A great producing cow and dam of Lady Perfection Korndyke

And now for her transmitting power. Her first calf was a bull, Woodcroft King Pontiac Korndyke, born January 10, 1913. He has seen some service in Dr. Work's herd, but his daughters are all young. Her next calf, of which I could find record in the Herd Books, was a heifer, Woodcroft Lady Perfection, born March 21, 1915. At 24 months she made a record of 17.49 pounds butter and 384.2 pounds milk. The latest calf was a bull, Woodcroft Perfection, born October 27, 1916, who was sold in the Worcester sale last June for $5,200 to a syndicate of breeders from Waukesha, Wis. These men, Aitken Brothers, Baird Brothers, S. A. Baird & Son, Muckleston Brothers and D. J. Howell, will surely give him a chance to make good.

Measured by the four standards then Lady Perfection Korndyke ranks with the best. The strictly high class character of her breeding is indicated by her pedigree; her individual quality is shown by her show ring record; her producing ability is conclusively proved by her remarkable string of records; and we are looking forward to the day when her offspring shall reach that stage of development where they can demonstrate that her transmitting power is all we think it is.

Pontiac Korndyke Hengerveld De Kol, the sire of Lady Perfection Korndyke and a number of other good ones. A full brother in blood to King of the Pontiacs

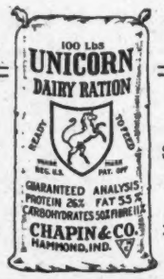
UNICORN DAIRY RATION

¶ Unicorn is preferred by a majority of the best breeders as their ration or ration base.

¶ Our chief difficulty has been to supply it fast enough under these abnormal conditions and heavy demands.

¶ The quality of Unicorn will always be maintained at its present high standard. Send for free copy of Cow Testers' Manual.

Chapin & Co., Dpt. s Chicago



A necessity for successful dairying

A HERD SIRE FOR YOU—

ONE WITH THE RIGHT KIND OF BACKING

Here is a calf that contains all that can be desired for a future sire. He is an excellent individual, well grown and will be ready for service this fall.

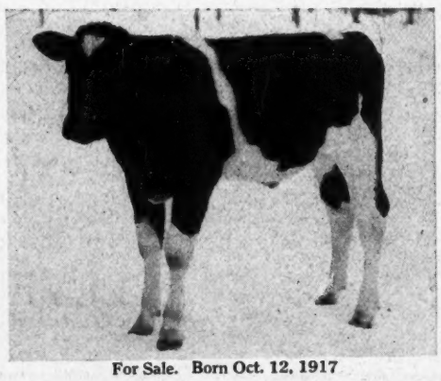
The more you study his pedigree, the better you like it.

His sire is King Pontiac Reliance, whose dam is a 33-lb. cow that sold for $6,100 and his sire's sire is King of the Pontiacs, the best known dairy sire in the world.

His dam is Christmas Tobe 2d, 31.66 lbs. butter in seven days and 129.46 lbs. in 30 days. These records, made at 10 years, were world's records. **She is dam of a 36-lb. 3-year-old that in turn is dam of a 30-lb. 4-year-old.**

His two nearest dams average 32.41 lbs. butter. Now where can you get a better one? Send for his pedigree and price.

J. H. PHELPS & SON **Vernon, N. Y.**



For Sale. Born Oct. 12, 1917

At the Beginning

of our fiscal Holstein-Friesian year, you are planning for the future. Don't forget SPRING FARM KING PONTIAC 6th, "THE BULL THAT PUTS DEGREE IN PEDIGREE." Remember the work of his daughters. Twenty-pound first-calf 2-year-olds are for him THE RULE RATHER THAN THE EXCEPTION. His 2-year-olds which produce 60 pounds milk per day on an average, during their 7- and 30-day tests, are THE RULE RATHER THAN THE EXCEPTION.

Nearly all of his daughters have 30-day records, and it's THE RULE RATHER THAN THE EXCEPTION that these 30-day records are four times or more the best 7-day records.

Two of his junior 2-year-old daughters have recently completed S. O. year's records with more than 18,000 pounds milk each and an average of almost 800 pounds butter each.

Two of his 3-year-old daughters have just completed 30-day records. One of them, as a senior 3-year-old, in seven days made 611.6 pounds milk and 31.35 pounds butter; in 30 days, 2,428.4 pounds milk and 125.87 pounds butter. The other, a junior 3-year-old, made in seven days 505.6 pounds milk and 30.045 pounds butter; in 30 days, 2,473.6 pounds milk and 125.25 pounds butter.

No, they are not world's records, but the persistency with which his daughters continue to turn out decidedly large records for both milk and butter for 7 days, 30 days and a year, with seemingly little difference as to what is back of them on their dams' side, will eventually make the high class herd which is headed by a son of SPRING FARM KING PONTIAC 6th, THE RULE RATHER THAN THE EXCEPTION.

You can't afford to overlook him in your planning for the future

Est. 1876 **HENRY STEVENS & SON** 175 Head
LACONA, N. Y.

The home of Spring Farm King Pontiac 6th, the bull that puts degree in pedigree.

OUR SENIOR SIRE

Maplecrest Highlawn Cleveland

A son of **Friend Hengerveld De Kol Butter Boy** (with four 1,000-lb. daughters) and **Burton Highlawn 2d's Hartog,** Ohio's first 30-lb. cow, she with a 1,200-lb. daughter and a 1,200-lb. granddaughter

Has

been bred to and has offspring from our best cows:

	(BUTTER)	(MILK)
10 of which average	1,071.3	25,786.4
15 of which average	1,018.	25,170.0

His

daughters are not old enough to be in milk yet, but they will start to freshen this fall. They look good to us—they cannot help but be good.

We have only three of his bull calves on the farm at present. Ask us about them.

L. H. MOULTON
FARM MANAGER

CLEVELAND CITY FARM
Warrensville, Ohio

K. L. JUVE
CHARGE OF CATTLE

30 lb. Bull Calf Bargain

Pontiac Korndyke and King Segis breeding. Dam is a junior four-year-old and made at this freshening, April 5th, 30.02 lbs. butter, 697.6 lbs., milk in seven days; 122.12 lbs. butter and 2,901 lbs. milk in 30 days. An increase of 10 lbs. of butter over her three-year-old seven-day record. She is a sure 35-lb. and better cow at next freshening. Her dam is a 29½-lb. granddaughter of King Segis with a 2,947.8-lb. milk in 30 days. Sire of calf is a son of a 35-lb. cow. Also have a son of an 18.7-lb. two-year-old, dropped July 12th. Record made during very hot weather. This dam is a daughter of the 30.02-lb. dam mentioned above. Both calves by same sire. Splendid individuals. Bargains at the prices. Pedigrees and photos on request.

S. VAN KOOY

White Pigeon Michigan

A 32-lb. Bull for $500

A SON OF

Ormsby Korndyke Lad

5 30-lb. Daughters

The Sire of the World's Champion 2-year-old

From a Granddaughter of Hengerveld De Kol

Here's the best combination of breeding you can possibly get for the money. The calf is by the same sire as O. K. L. Albina, the present world's champion two-year-old, and is from Clothilde Dot 2d, a junior three-year-old granddaughter of Hengerveld De Kol, with a record of 29.73 lbs. butter from 446.6 lbs. milk. She is a sister to Juno Anathalie that has recently made better than 30 lbs. His two nearest dams average better than 32 lbs., and his sire was the first bull of the breed to have an average of over 35 lbs. for his two nearest dams. This calf is a show bull, right in every way, and by one of the coming sires of the breed. If you want a real good one you had better get busy.

HARRY B. DAVIS Chester, N. Y.

THE WATERTOWN SALE

Backus Brothers' second annual sale to be held at Watertown, N. Y., on September 6, 1918, on the final day of the Jefferson County Fair shows every sign of being a great success.

The animals to be sold in this sale are not the culls of each breeders' herd—they are rather animals that possess quality; animals that represent breeding in combination with individuality.

When we interviewed the various consignors with regard to consigning cattle to this sale in every instance we were greeted with a statement from them something along this line: "The trouble with the sales at Watertown and the reason we have not received better money for our cattle is because we have all been using Watertown as a place to unload our culls. Now our herds are increasing. We must look for our satisfactory market and we must make our market near home—here in the heart of our great Jefferson county, the greatest dairy county in the world. In order to make this market and to bring and attract good buyers here each year we must give satisfaction and we must sell good animals."

This quotation is a typical statement and conveys the actual thoughts of each breeder. A glimpse at the breeding of the animals and an inspection of the animals has thoroughly demonstrated that the men are in every instance "practicing what they preach."

Among the animals in this sale is a 22-pound and a 24-pound cow, well along in calf to a son of the great $16,000 Korndyke Winona — then there are a number of sons and daughters of 20- and 25-pound cows as well as a lot of cows in calf to sons of such famous sires as King Korndyke Sadie Vale, King of the Pontiacs and King Walker, Judge Lyons, The Mighty Monarch, Rag Apple Korndyke 8th, Spring Farm King Pontiac and Spring Farm King Pontiac 6th—also a large number of good daughters of the above mentioned sires.

Among the other animals in the sale is a son of a 30-pound cow that has twice made above 29 pounds and produced over 100 pounds of milk in one day. This is a sterling bred bull and should head a herd of quality.

In a later issue we will go into greater detail in regard to the various consignments, and in the meantime make every plan to attend this sale.—Backus Bros. Pedigree Co., New York.

A LONG LIFE OF USEFULNESS

CLUNY STOCK FARM · Quality Production Health · HOLSTEINS

Is the record of **SILVER FLY 4th 58358**, born in 1901. She has given birth to 15 calves, having now six A. R. O. daughters. Under ordinary farm conditions, she has produced over 142,000 lbs. of milk, and is still producing. She has an official record, made some nine years ago, of 21.173 lbs. butter and 521.2 lbs. milk in seven days, at 8 years 11 months 19 days. She received "honorable mention" in the Holstein-Friesian World of October 27, 1917, and her picture appears in the December 1, 1917 issue of the same paper.

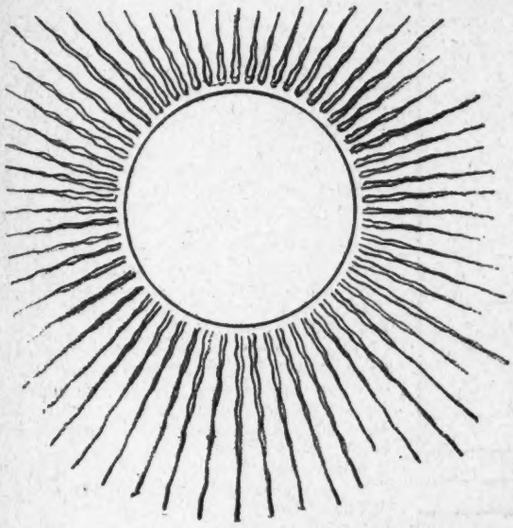
Her son, born May 28, 1917, was sired by Dutchland Colantha Winana Lad 114067, senior and grand champion bull at the 1917 Michigan State Fair, a son of the famous Colantha Johanna Lad that now stands next to Pontiac Korndyke in respect to number of 30-lb. daughters, and leads all sires with 27 daughters producing over 600 lbs. milk in seven days.

This youngster, with backing that combines type, vitality, lifelong usefulness and persistent heavy production, will make a splendid sire for your herd.

Send for pedigree, price and photo.

R. BRUCE McPHERSON HOWELL, MICH.

When days are hot and Pastures short



—and your cows spend most of the day under the trees, unless you supplement their scant pasturage with a feed that will offset these hot weather conditions, a SHRINKAGE IN YOUR MILK CHECKS is bound to follow.

Cows that are well nourished in the summer will keep up their milk flow during the hot months and will also respond with a greater milk yield in fall and winter than cows that are forced to depend for their summer feed on short, dried up pasturage.

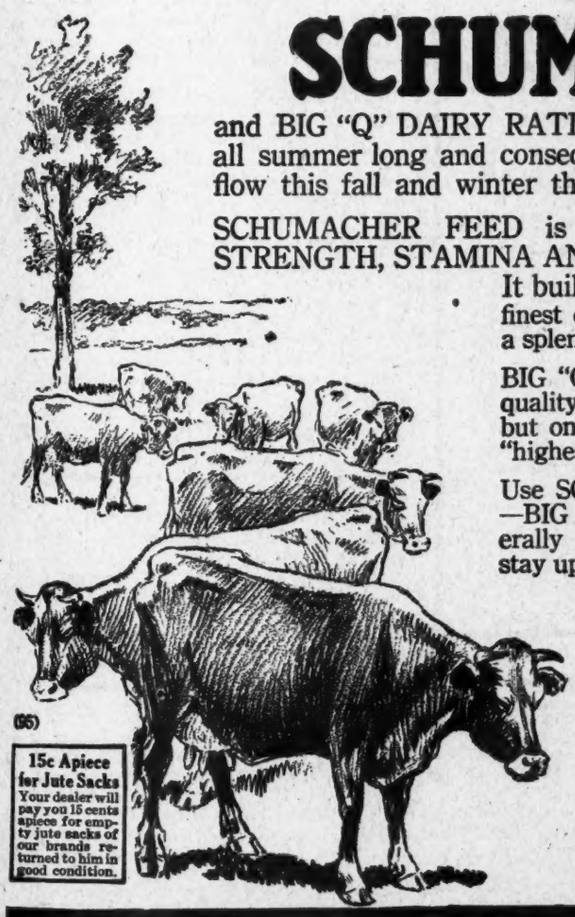
SCHUMACHER FEED

and BIG "Q" DAIRY RATION will keep your cows up to NORMAL FLOW all summer long and consequently put them in condition to give you a larger flow this fall and winter than ever before.

SCHUMACHER FEED is a grain ration which supplies the ENERGY, STRENGTH, STAMINA AND ENDURANCE so much needed in hot weather. It builds up "constitutional" powers—keeps cows in the finest condition—it's the dairymen's "old reliable," being also a splendid feed for dry cows, young stock, horses and hogs.

BIG "Q" DAIRY RATION is a protein ration of the highest quality. Not made on the old "high per cent" protein fallacy, but on the more modern idea of "highest quality" of protein content.

Use SCHUMACHER for condition —BIG "Q" for milk—feed them liberally and your milk checks will stay up at the maximum point.



(55)

15c Apiece for Jute Sacks
Your dealer will pay you 15 cents apiece for empty jute sacks of our brands returned to him in good condition.

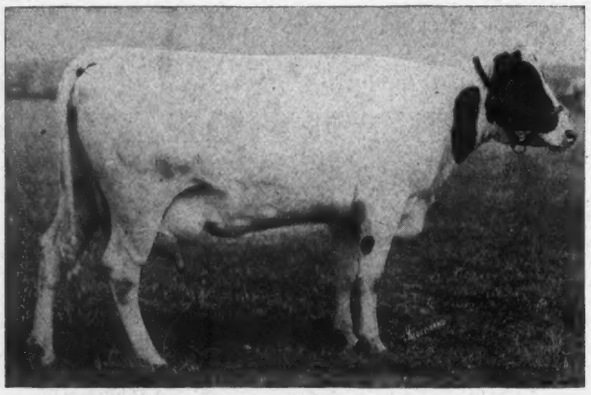
Order Fall and Winter's Feed—NOW!

Put in your supply of Schumacher and Big "Q" now for the same reason you order your coal—to protect yourself against a possible feed shortage as a result of shipping difficulties.

If your dealer can't supply you, write us.

The Quaker Oats Company Address Chicago, U.S.A.

A SON OF THIS CHAMPION COW



THE WORLD'S CHAMPION THREE-YEAR-OLD

Here's the greatest opportunity you ever had to buy a son of a world's champion three-year-old. We have a son of Finderne Holingen Fayne, that as a junior three-year-old made 37.34 lbs. butter, which, for some years, was a world's record in its class; and her 30-day record of 150.33 lbs. butter is still the world's record in that division. Eight months after freshening she made 22.57 lbs. butter, which was also a world's record; and for the year made 1,395.06 lbs. butter, which at the time stood as a world's record over all ages and all breeds and is today the largest made by any other animal under full age. Finderne Holingen Fayne is the best daughter of King Hengerveld Aaggie Fayne, with 10 30-lb. daughters and three above 1,000 lbs. butter in a year.

This youngster was born October 1, 1917, and is sired by our King Valdessa, a son of the first 40-lb. cow, and sire of many of the most promising herd sires of the breed.

This calf is the best individual ever born on our farm—evenly marked and is for immediate sale.

BERNHARD MEYER **FINDERNE, N. J.**

You Raise Purebred Cows, Why Not Purebred Horses?

HAVE your horse power on your farm as good as your dairy. Buy a registered Percheron colt from prize-winning mares and let him grow into a real horse for you. We have some young purebred mares, weanlings and two-year-olds for sale. Black and gray in color and beautiful specimens of horse flesh. They will not cost you much more than grades either.

Nothing for sale in the cow or bull line at this time

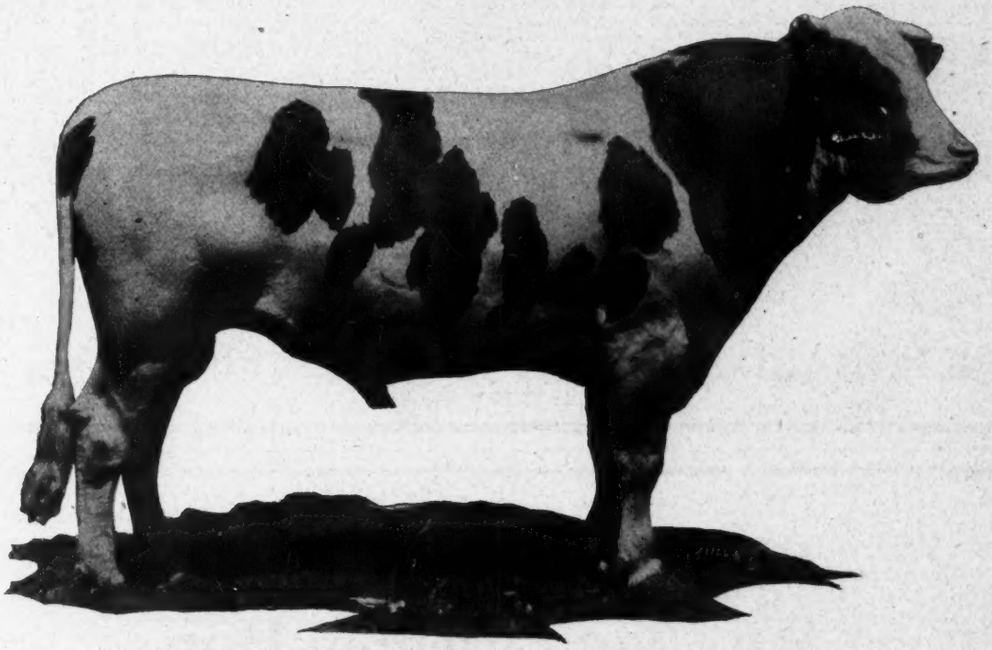
ANTRIM FARMS

C. L. AMOS, Owner **Syracuse, N. Y**

THE GREATEST

Prince of the House of Pontiac

As Perfect in Individuality as He is in Breeding



KING PONTIAC HENGERVELD FAYNE

A SON of King of the Pontiacs and Segis Hengerveld Fayne Johanna [47.35 lbs.], the second highest record cow in the world and daughter of the only 50-lb. cow, Segis Fayne Johanna.

His Three Nearest Dams Average 45.82 lbs.

Pequest Farms Belvidere, N. J.

NEW YORK STATE FAIR TO BE NATIONAL FAIR THIS YEAR

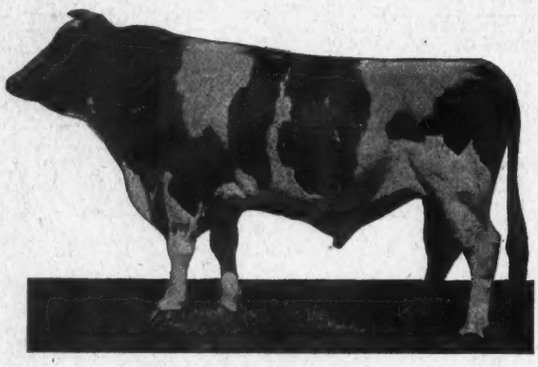
Primarily the state fair of 1918 will be a good exposition. That alone will make it a great war exposition, for food rivals powder and shell as a national weapon. But it must be borne in mind that the fair will be a military exposition as well.

It must be repeated that in September next, the United States government will for the first time participate in the New York State Fair on an extensive scale.

Five of the great cabinet departments at Washington will be represented at the coming fair in the best possible way—that is to say, by generous exhibits, illustrative of their service. These will give fair patrons an opportunity to study at close range the concrete evidence of much of the war work the government is doing. What does this mean? It means that a visit to the state fair will supply a better opportunity to study five departments of the government in action, so to speak, than would be furnished by a visit to Washington. In Washington, just now sightseers are not welcome, because they are in the way. But at the state fair grounds they can get enlightening glimpses at their leisure of the activities of the departments including war and navy.

At present the magnificent work of our army in France occupies a very large share of our attention and interest. But how many of us are familiar with the fighting implements and methods of our gallant men in khaki? Comparatively few. Well, the government's war exhibits will go far toward satisfying our keen curiosity in that particular. There we shall see specimens of the death-dealing machine guns, rifles, shells, great projectiles, hand grenades, and the like, with gas masks, fighting uniforms and all the accessories of trench and field warfare. The navy will present a like exhibit, with interesting models of all our fighting ships, including the monster dreadnaughts, added; and also specimens of the depth charge and aero bombs used in destroying the submarines.

The federal war exhibits will be housed in the grange and state institutions building, where a goodly space has been allotted for it; and it is safe to predict that no fair attraction will be more popular. Quite as valuable, if less spectacular, will be the array of entries from the other Washington departments. Of these the most educational, from the viewpoint of state fair patrons will be the offerings from the Federal Department of Agriculture and its numerous bureaus, exemplifying every branch of the department's diversified labors.



At a Bargain Price
$1,000.00

We offer a very fine son of King of the Pontiacs, born March 28, 1918.

His dam is a 27-lb. daughter of Johanna King Segis, he a son of a 40-lb. cow and sired by a son of King Segis.

If there was ever a bargain it is this beautiful calf.

G. G. BURLINGAME *D. N. HARTT*
CAZENOVIA, N. Y.

MILK SITUATION IN OTSEGO COUNTY, NEW YORK

Closing of milk plants in several places in heavy milk-producing sections in central New York has caused some excitement and uneasiness. The situation has been considered serious, but farmers have turned to making plans of their own for disposing of their output when the usual avenues closed. Bainbridge farmers negotiated for rent or purchase of one of the Sheffield plants in that vicinity both of which closed some time ago. The Wildi Company later decided to continue to take milk during July, keeping both the Bainbridge and Unadilla plants in operation. At Walton, Delaware county, receipts at the Breakstone creamery are reported to have amounted to 80,000 pounds of milk daily since the big Borden condensery at that place closed. A general shrinkage in the supply at the production end of the milk business should materially relieve the manufacturing and storage problem. In some of the small stations, the quantity of milk taken in dropped off nearly half during July.—C. F. M., Otsego county, New York.

COWS MAKE RECORDS AT UNIVERSITY FARM

Five Holstein cows at University Farm whose records for the last year have just been announced by H. H. Kildee, chief of the division of dairy husbandry, have averaged in production for the year 20,548.4 pounds of milk, 721.68 of butterfat and 902.1 of butter. The cows with their records in milk, butterfat and butter are:

Facile Angie of Shadynook	18,931.8	829.9	812.43
Dorinda of Shadynook	19,550.8	698.4	872.96
Feronia of Shadynook	17,264.1	686.4	872.96
Lady Oak Fobes De Kol	22,063.5	793.2	991.5
Grace Monroe	24,931.7	792.2	990.2

How do You Like Him?

THE MIGHTY MONARCH

A Son of

King of the Pontiacs
(28 30-lb. Daughters)

and

Segis Hengerveld Fayne Johanna — 47.35

She a Daughter of

Segis Fayne Johanna — 50.68

A Daughter of

Vikina Johanna — 39.43

Average — 45.82

$300.00 This is the very nominal fee at which we have decided to accept good record, approved cows for the next three months, for service to this bull.

BROAD MEADOWS FARMS

Paul T. Brady, Owner — PAWLING, N. Y. — Henry E. Lee, Herd Mgr.

(A Sale Will Be Held at Our Farm October 5th)

Winterthur Farms WINTERTHUR DEL. *and* Allan

Home of King of the Sadie

KING OF THE ORMSBYS 178078

SIR PIETERTJE ORMSBY MERCEDES 44931
57 A. R. O. daughters—
Bess Burke Ormsby, 5 years..... 42.31
Milk 558.00
Queen Piebe Ormsby Mercedes, 4 years 35.10
Milk 569.40
Heilo Ormsby De Kol, 6 years.... 34.55
Milk 580.00
Bess Pietertje Ormsby Mercedes, 5 years 33.23
Milk 787.30
Colantha Pietertje Lass, 4 years... 31.99
Milk 574.50
Haidee Fannie Ormsby, 4 years.... 31.20
Milk 565.70
Pietertje Homestead Ormsby, 6 years 30.73
Milk 582.00
Easle Johanna De Kol 2d, 6 years 30.66
Milk 480.70

Yearly Records
Queen Piebe Mercedes, 4 years..1,389.45
Bess Pietertje Ormsby Mercedes, 5 years 1,235.33
Dinah Pauline Clothilde Ormsby, 4 years 1,146.01
Queen Piebe Ormsby Mercedes, 4 years 1,140.00
Queen Ormsby Pietertje, 3 years.. 993.21
Glen Canary De Kol 2d, 2 years... 951.05

22 of his two-year-old daughters have made records of from 20 to 29 lbs.

Greatest sire of Association prize winners that ever lived.

Greatest sire of show ring winners in the world.

SPRING BROOK BESS BURKE 2D 31387
Butter, 7 days, 6 years..... 38.22
Milk 792.30
Butter, 30 days..... 154.78
Milk 3,267.60
Butter, 365 days..... 1,034.30
Milk 21,552.90
Butter, 7 days, 5 years..... 36.11
Milk 736.10
Butter, 30 days..... 146.40
Milk 2,955.40
Butter, 365 days..... 1,044.91
Milk 23,340.10
Butter, 7 days, 8 years..... 35.94
Milk 592.50

She is now on yearly test with 800 lbs. butter to her credit for the first six months.

Dam of—
Bess Mercedes Ormsby (7 days), 3 years 26.26
Butter, 365 days..... 830.95
Milk 17,929.70
Bess Johanna Ormsby, 2½ years 25.90
Milk 452.90
Butter, 365 days..... 881.95
Milk 17,800.10
(Not officially reported)

JACK MERCEDES 35077
7 A. R. O. daughters—
Skylark De Kol Lady Mercedes.. 30.44
Butter, 30 days..... 120.00
Milk 2,417.00
Skylark Mercedes Beauty, 4 years 22.15
One A. R. O. son.

By a brother to the sire of King Segis, whose 86 A. R. O. daughters include:
Queen Segis Lilith..... 35.07
Hilldale Segis 33.17
Segis Beets Girl..... 32.60
Belle Segis, 4½ years..... 31.87
Countess Segis 31.70
4 others above 30 lbs.

PIETERTJE MAID ORMSBY 78051
Butter, 7 days..... 35.56
Milk 535.40
Butter, 30 days..... 145.66
Milk 2,567.80
(World's record 1911)
Butter, 365 days..... 759.13
Milk 16,531.80
2 A. R. O. daughters—
Miss Korndyke Maid Ormsby.... 30.75
Milk 580.40
Butter, 365 days..... 1,255.62
Milk 25,418.30
Who is the dam of—
Miss Colantha Korndyke Ormsby 34.08
Butter, 365 days..... 845.39
Milk 18,721.80
Three-fourths sister to the sire of—
Duchess Skylark Ormsby..... 34.32
Butter, 1 year..... 1,506.09

SIR JOHANNA CANARY DE KOL 44034
16 A. R. O. daughters—
Spring Brook Bess Burke 2d.... 38.22
Milk 792.30
Glen Canary De Kol, 3 years..... 34.59
Milk 514.50
Butter, 30 days..... 139.84
Milk 2,403.80
Canary Johanna Korndyke, 6 years 31.36
Milk 569.70
Butter, 30 days..... 124.80
Milk 2,346.10
Queen Piebe of Fairview 2d..... 30.13
Milk 586.80
Butter, 30 days..... 115.23
Milk 2,480.00
Butter, 365 days..... 770.58
Milk 18,790.50
She has six semi-official yearly records and is the dam of—
Queen Piebe Ormsby Mercedes, 4 years 35.10
Milk 569.50
Butter, 365 days..... 952.09
Milk 20,286.60

SPRING BROOK BESS BURKE 98734
Butter, 7 days, 7 years..... 34.80
Milk 630.80
Butter, 7 days, 9 years..... 31.14
Milk 613.30
Butter, 365 days..... 1,094.60
Milk 25,227.10
Butter, 7 days, 6 years..... 29.95
Milk 634.80
Butter, 365 days..... 812.77
Milk 19,104.60
Butter, 365 days..... 997.00
Milk, 365 days.....22,454.40
Dam of—
Bess Burke Ormsby, 5 years.... 42.31
Butter, 365 days, 2 years..... 856.46
Spring Brook Bess Burke 2d..... 38.22
Milk 792.30
Bess Pietertje Ormsby Mercedes, 5 years 33.23
Milk 787.30
Bess Pietertje Ormsby, 2 years.. 21.55

The only 34-lb. cow with three daughters that average better than 37 lbs.

ADVISE ALL FAR-SIGH
CAREFUL STU
PE

King of

At

King of the Ormsbys has
from 33.35 to 42 lbs. butter in
close to 1,100 lbs. at 2, 4 and

King of the Ormsbys is
other son of Sir Pietertje Or

With the exception of his
son Sir Pietertje Ormsby Me

King of the Ormsbys will
from his ancestors.

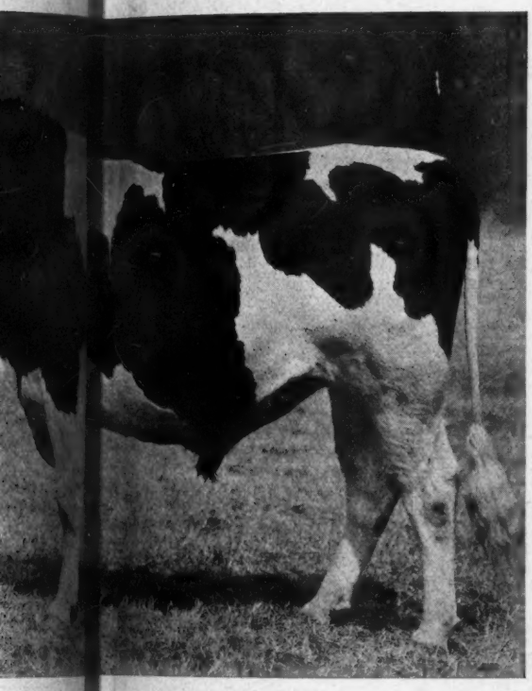
King of the Ormsbys' Sons Can Be Bought

llanchy AND Tranquillity Farms ALLAMUCHY NEW JERSEY

ie les and King of the Ormsbys

AR-SIGH BREEDERS TO MAKE A
FUL STU OF THE LATEST
PE EE OF

of e Ormsbys



At Years

sbys has three-quarter sisters with records butter in days, and yearly records averaging , 4 and of age.

sbys is a greater opportunity than any ertje Or Mercedes has ever had.

on of his brother, he is the strongest bred nsby Me ever sired.

sbys will mit to his get just what he inherits

HIS SIRE: Sir Pietertje Ormsby Mercedes has demonstrated his right to be classed with the world's greatest; his daughters having broken 12 world's records. He has more yearly record daughters than any other sire in the world, and also more two and three yearly record daughters. His 12 leading daughters in the yearly division average, at 4 years 2 months, 1,021.85 lbs. butter, 21,741.74 lbs. milk, and but one of this number is full aged. Five of his daughters have produced from 1,000 to 1,390 lbs. butter in a year, four of them being four-year-olds. Four of his daughters, at an average age of four years, average above 27,000 lbs. milk in a year. No other sire in the world has as many daughters above 1,000 lbs. in heifer form. He has 22 two-year-old daughters that have made seven-day records from 20 to 29 lbs. He has eight daughters with records from 30 to 42 lbs.

HIS DAM: Spring Brook Bess Burke 2d is a wonderful animal, weighing 2,225 lbs. No other cow in the world has equaled her combination of short- and long-time records. She is the only cow in the United States to have made three seven-day butter records each above 35 lbs. In connection with this, she has made two 1,000-lb. yearly records and is now again on yearly test with 800 lbs. butter to her credit in six months.

HIS GRANDDAM: Pietertje Maid Ormsby has a 35.56-lb. seven-day record, and she broke the world's record for 30 days in 1911. She is the dam of a 30.75-lb. cow with a 1,255.62-lb. yearly record, who in turn has a 34.08-lb. daughter. This daughter at 2 years 4 months made 845.39 lbs. butter from 18,721.0 lbs. milk (365 days). She is now on yearly test as a four-year-old and is showing great production.

HIS OTHER GRANDDAM: Spring Brook Bess Burke is the only cow in the world having two daughters each with seven-day milk records above 787 lbs.; one daughter being the dam of King of the Ormsbys, the other his three-quarter sister. Spring Brook Bess Burke is the only cow in the world having three daughters above 33 lbs.; one of these is King of the Ormsbys' dam, the other his 42.31-lb. three-quarter sister. Spring Brook Bess Burke, with her three daughters, holds all the world's records for both butter and milk for 7, 30 and 365 days. In a year the four average 1,057.71 lbs. butter, 23,889 lbs. milk.

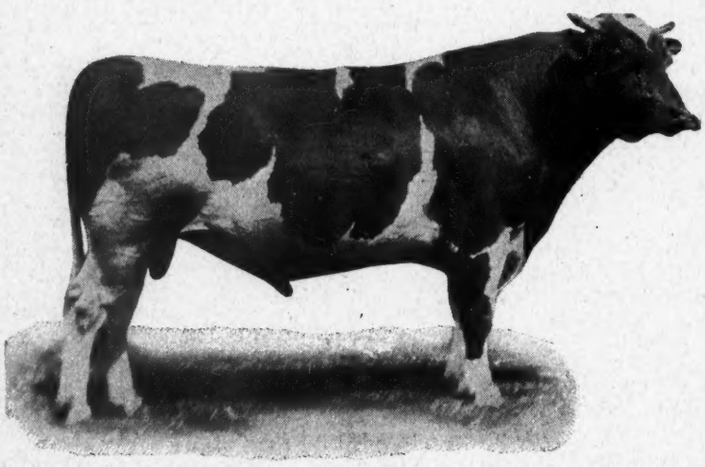
ought Either of the Three Farms Named Above

Possible Contenders in the Battle Royal

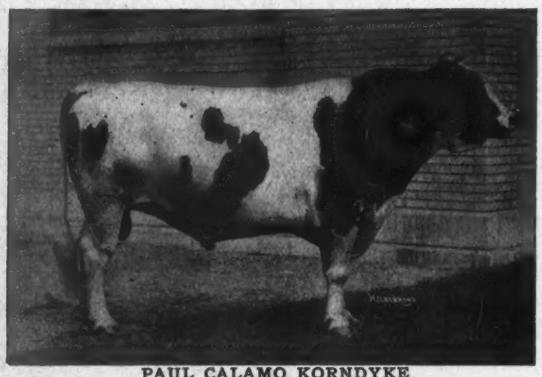
You Will Observe They All Look "Right"

Perhaps as this is being written any one or all three of these great show bulls will be receiving the finishing touch that is to make him one of the heavy contenders for the 1918 Grand Championship. Whether or not all three are to be shown we cannot say. We are reasonably sure there will be contention between at least two of them and possible all three will clash before the season is over.

Of course the veteran of them all is old Paul Calamo Korndyke that first visited the National Dairy Show back in 1911 and has been in regular attendance since 1913 when he became the property of R. E. Haeger. For four years he was Monarch of all he surveyed and could just "lick" anything that walked the tan bark. "Waterloo" was his, however, in 1916 when he was defeated at the Dairy Cattle Congress by Oak De Kol Ollie Homestead and since that time the latter bull has been the winner at all the important exhibitions where they have come together. Paul Calamo, however, gets away to several of the other important shows and state fairs each year and up to the present time has been practically invincible against any bull other than Oak De Kol Ollie Homestead. Paul Calamo Korndyke is siring some wonderfully fine individual animals and today the remarkable show herd of Mr. Haeger is made up largely of the get of this bull. Paul Calamo Korndyke will be twelve years old this fall and is seemingly better than ever despite the fact he has been a contender in more high class shows than any other Holstein bull of recent years and undoubtedly has travelled more miles than any Holstein bull that ever lived.



SIR PIETERTJE ORMSBY MERCEDES 14TH
A sire that came into prominence last season and was a strong contender for first position wherever shown. Owned by Marlow & McCarger, Minnesota

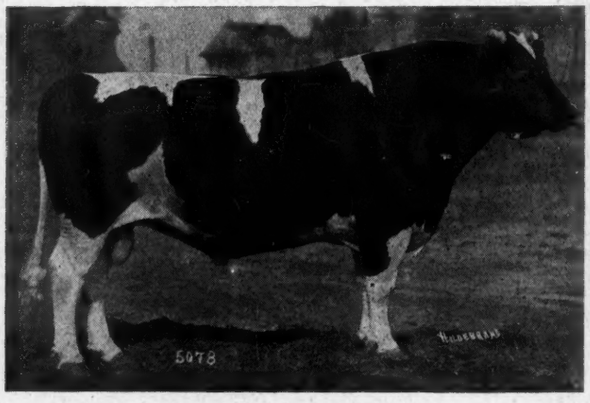


PAUL CALAMO KORNDYKE
The old "Warrior" of the show circuit. He has probably travelled more miles and won more first prizes than any other sire of the breed. Owned by R. E. Haeger, Illinois.

Oak De Kol Ollie Homestead that has been grand champion for the years 1916 and 1917 is a much younger bull than Paul Calamo Korndyke, he being a little over seven years of age. This difference should be very much in his favor in the eyes of the critical judges before whom they must come if they contend, although the older bull is exceptionally well preserved and did not start his famous career until he was two years older than Oak De Kol Ollie Homestead when he made his "debut." The fact Oak De Kol Ollie Homestead was able to become grand champion at such an early age leads us to believe he will eventually hang up a show record fully equal to Paul Calamo Korndyke provided he is regularly shown for the next few years. Like the older bull he also is siring some wonderfully fine animals and last year it was his get that were the winners in the Get-of-Sire class at the National Show. This great bull is owned by Iowana Farms.

Sir Pietertje Ormsby Mercedes 14th is a "new comer" into the game with particular emphasis on the "comer." He has been shown at some of the less important fairs during the early part of the season but he came out in all his glory at the Dairy Cattle Congress in 1917 and gave Oak De Kol Ollie Homestead a good run for first position. After considerable deliberation Professor Kildee finally awarded the Iowana sire first position because of his decided masculinity about the head, neck and shoulders. At the National Show a few weeks later he again gave the Iowana bull a good run for first position and forced Paul Calamo to take third position, which is a signal honor for any bull the first year on the circuit.

Sir Pietertje Ormsby Mercedes 14th is making good as a sire, especially through the A. R. O. work of his daughters and his owners, Marlow & McCarger, might well be proud of such a sire with a future about as bright as any that we know. So we find Oak De Kol Ollie Homestead closely pushing Paul Calamo Korndyke until he finally became victor and now we have another great bull defeating Paul Calamo Korndyke and closely crowding Oak De Kol Ollie Homestead for the coveted honor. Who will be the 1918 Grand Champion? Time only can tell.



OAK DE KOL OLLIE HOMESTEAD
The sire that finally became victor over the many times champion, Paul Calamo Korndyke. He has been grand champion for two seasons, although was hard pushed last season by Sir Pietertje Ormsby Mercedes 14th. Owned by Iowana Farms, Iowa.

"The man who is fired by enthusiasm always gets a better job."

The man who claims he never makes a mistake is either blind with egotism or a liar.

NO! YOU CAN'T BUY HIM!!

EVERY SIRE AND EVERY DAM FOR FOUR GENERATIONS ARE SONS or DAUGHTERS OF PRESENT OR PAST

Champions

FINDERNE JOHANNA RUE VALDESSA
No. 195130.
Born March 30, 1916.
The records of his two nearest dams, one a junior 3-yr.-old, average:
Butter, 7 days 36.92
The records of his three nearest dams average:
Butter, 7 days 36.90
The records of his four nearest dams average:
Butter, 7 days 38.72
The sire combines in the closest possible degree the blood of the first 40-lb. cow, Valdessa Scott 2d (41.88 lbs.), and K. P. Pontiac Lass (44.18 lbs.), the first 44-lb. cow.
The sire's dam, Valdessa Scott 2d (41.88 lbs.), was the first cow to make a 40-lb. record. Her record and the records of her five tested daughters average higher than the records of any cow and five of her tested daughters.
The dam's sire, King Hengerveld Aaggie Fayne, has more daughters that are class champions for year butter production than has any other sire.
The dam, a 31-lb. junior 3-year-old has three times been a Holstein-Friesian Association prize winner. She carries 50 per cent the same blood as Segis Fayne Johanna (50.68), the only 50-lb. cow.
The dam's dam, Finderne Pride Johanna Rue (1,470.58 lbs.), the first 1,400-lb. cow, still holds the world's championship for butter record made eight months after freshening.

King Valdessa
No. 137495.
The records of his dam and sire's dam average:
Butter, 7 days 43.03
Average per cent fat 5.43
Butter, 30 days 167.90
His dam was the first 40-lb. cow of any breed and also the first cow to produce over 160 lbs. butter in 30 days.
The sire's dam was the first 44-lb. cow and she held all world's records from one to 100 days. She is a daughter of the great King of the Pontiacs and the 34-lb. cow, Tweede De Wol Lass. K. P. Pontiac Lass is sister to two 40-lb, cows and 23 others above 30 lbs., including the dams of King Segis Pontiac Konigen, the $35,000 bull, and King Segis Pontiac Alcartra, in whom a half interest was sold for $25,000.
A young son of this sire at only a few months old, sold in public sale for $21,500, a record price for a bull under one year of age at that time.

Spring Farm Pontiac Cornucopia
No. 77172.
28 A. R. O. daughters—
Glen Alex Tweede De Kol ..2½y 30.89
Millspring Pontiac Lass 3y 30.22
Highland Spring Farm Pontiac Queen 35m 23.98
Sadie Cornucopia Wayne 2d 3½y 21.38
Butter, 30 days 84.03
Rose Paul Pontiac 2½y 20.39
The first Holstein animal to sell in public sale for $15,000. His full brother sold for $10,000.
His dam carries 50 per cent the same blood as:
Lady Perfection Korndyke 40.25

Valdessa Scott 2d
No. 72311.
Butter, 7 days at 8 yr..... 41.88
Milk 694.60
Average per cent fat 4.82
Butter, 30 days 164.29
Milk 2,933.90
Average per cent fat 4.48
(World's butter records when made)
Butter, 7 days at 10 yr..... 37.49
Butter, 30 days 142.49
(World's record for age)
5 A. R. O. daughters—
Valdessa Ormsby De Kol ...7y 38.14
Butter, 7 days at 4 yr..... 32.98
Finderne Valdessa Pontiac 33.24

Finderne Johanna Fayne
No. 183223.
At 3 years 1 month 12 days—
Butter, 7 days 31.95
(4th Assn. Prize 1916)
Milk 533.30
(12th Assn. Prize 1916)
Butter, 30 days 117.26
(4th Assn. Prize 1916)
Milk 2,208.10
At 2 years 1 month 11 days—
Butter, 7 days 20.22
Milk 481.00
She carries 50 per cent the same blood as:
Segis Fayne Johanna 8y 50.68
(World's champion of all ages and breeds)
Butter, 7 days at 6 yr..... 35.30
Butter, 7 days at 7 yr..... 33.30
Butter, 7 days at 5 yr..... 31.89
Butter, 7 days at 3 yr..... 30.66
From a sister to five 30-lb. cows.

King Hengerveld Aaggie Fayne
No. 56635.
30 A. R. O. daughters—
Finderne Holingen Fayne...3y 37.34
(World's record when made)
Butter, 30 days 150.33
(World's record when made)
Butter, 365 days 1,395.06
(World's record)
Finderne Netherland Fayne 3½y 37.13
Finderne Mutual Fayne...3½y 36.73
Butter, 365 days at 27 m ...1,200.64
(World's record in class)
7 others above 30 lbs.
13 others above 20 lbs.

Finderne Pride Johanna Rue
No. 121083.
Butter, 7 days at 5 yr..... 36.87
Milk 692.50
Butter, 30 days 139.96
Milk 2,683.90
Butter, 11 mo. after calving... 36.03
Milk 602.40
Butter, 30 days 147.05
Milk 2,437.30
(Last two butter records are world's records)
Butter, 365 days 1,470.59
(World's record when made)

BUT YOU CAN BREED YOUR BEST COW TO HIM

COLUMBINE HERD

LYTLE, COLORADO

SPENCER PENROSE, Owner **W. E. CUSHNER, Manager**

Of Interest To You

I have for sale a son of King Korndyke Sadie Vale; namely, King Rose Sadie Vale, evenly marked and ready for heavy service. The average A. R. O. record of his dam and sire's dam is 34.56 lbs. butter in seven days and 133.73 lbs. in 30 days. Five dams in his direct pedigree average 33.51 lbs.; three of these cows made world's records in seven, 30 and 365 days. Twenty-four cows with records from 30 to 41.96 lbs.; two with over 40 lbs. The first check for $1,200 buys him.

I also have a dandy son of Rag Apple Korndyke 8th for sale, and three splendid sons of the 38-lb. bull—all priced to sell.

I. J. CASE - ALTA, ILL.

King Korndyke Sadie Vale De Kol
FOR SALE

A magnificent four-year-old son of King Korndyke Sadie Vale, the sire of five 30-lb. daughters and the only bull in the world with a 40-lb. daughter and a 40-lb. dam. King Korndyke Sadie Vale is one of the most popular young sires of the breed and is the sire of a number of young sons heading many of the leading herds of the breed.

The dam of King Korndyke Sadie Vale De Kol is Alice Veeman Hengerveld, a daughter of Sir Veeman Hengerveld, that as a senior 4-year-old made 28.05 lbs. butter from 452.9 lbs. milk in 7 days and as a 6-year-old made 846.20 lbs. butter from 20,138.3 lbs milk in a year At eight years she has recently completed a year's record of 24,099.6 lbs. milk, 1,043.05 lbs. butter. The second dam is an 18-lb. 3-year-old with three tested daughters, two above 28 lbs. Alice Veeman Hengerveld is a FULL SISTER to Pleasant Hill Blanche Veeman Wayne with 29.28 lbs. in 7 days and 121 lbs. in 30 days with 793.2 lbs. butter in a year.

His Two Nearest Dams Average 34.55 lbs.

Here is a splendid herd sire with a very desirable combination of breeding. The King Korndyke Sadie Vale Sir Veeman Hengerveld cross, from a dam with a good seven-day and remarkable year's record, and individually right. Selling because we have so many of his daughters in the herd. If you want to own one of the very best correspond with me without delay.

DATUS CLARK, Owner Peru, N. Y.

HIGH TEST IN CALIFORNIA

A herd of high testing Holsteins is owned by S. G. Kounias of Modesto, Cal. One of the leading members is Dominita Bonnie De Kol who in official test recently made a record of 20.97 pounds butter with an average test of 5.72 per cent butterfat. The first milking on test was 8.6 per cent fat, second 9 per cent fat, third 7.9 per cent fat and every milking averaged over the 4 per cent mark. She has three daughters in the herd and another daughter is owned by the Toyan Farm Association, who recently tested her with the result that she, too, gave eight per cent milk in her official work.

The Dominita strain is justly noted in its native state for high testing milk and several of this family have made very fine records in official work.—G. H. Truckell.

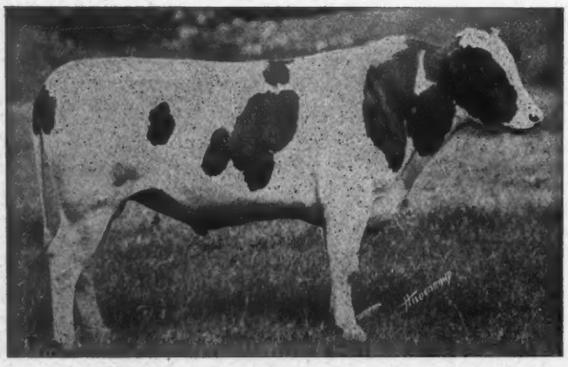
EXPORTS OF DAIRY PRODUCTS FROM NEW ZEALAND

The exports of dairy products from New Zealand for the year ended March 31, 1918, were valued at $33,917,086. There were 42 steamers loaded with dairy products for the year ended April 30, 1918, as compared with 53 steamers for the year ended April 30, 1917. The cold storage plants are now well filled with butter and cheese.

During the summer when ice can not be secured conveniently the next best thing to use is cold water. If the dairy house is arranged so that the water for the stock can pass through it a creamery, or if this can not be had, a deep trough in which the cream or milk cans can be set can be made of material help in cooling the milk and cream. It should be arranged so that the water will flow in from the bottom and flow out from the top. It should be deep and deep cans should be used, as in this way the water will keep cool much longer. A cement tank is best and can be built at a small cost, considering durability. An arrangement of this kind will not only save time but labor and insure more uniform ripening of the cream and firmer butter.

"Do you understand the cause of the girls' quarrel?"

"Well, I'm told it was six feet tall, with broad shoulders and a khaki suit."



Grandly Bred Sons of this Sire

King Segis Korndyke Champion

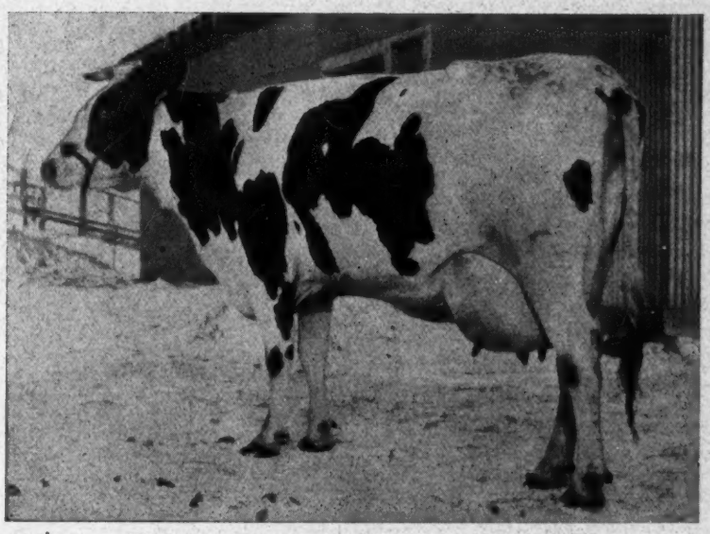
(Whose Two Nearest Dams Average Better than 33.50 lbs.)

King Segis Korndyke Champion is sired by a son of Aaggie Pauline Sarcastic, a 36-lb. cow, and his dam is Vinette De Kol, a 31.22-lb. cow, and the best record daughter of Lord Netherland De Kol. Just at present we are in a position to offer some very attractively bred young bulls sired by him and from dams that are good producers and in line for future development.

MEADOWVIEW FARMS

W. S. WOODCOCK, Prop. Edwards, N. Y.

A Son of This Beautiful Cow



Born December 20, 1917

This is the oldest bull we have at Bonalevo Farms.

He is an extra fine individual, beautifully colored, very growthy, and splendidly bred.

His dam is Wolfspring Corintha, one of the most promising cows on our farm. She has a record of 26.44 lbs. butter from 588.1 lbs. milk. Her dam is Corintha 6th with 25.2 lbs. butter from 633.4 lbs. milk.

The sire of the calf is Oakland Sethje Mooie, whose five nearest dams average 30.78 lbs. butter.

Oakland Sethje Mooie is by Woodcrest Johanna Pietje, a grandson of both Colantha 4th's Johanna and Pietje 22d, both former world's champions. The dam of Oakland Sethje Mooie is Sethje Mooie, that has three times made better than 30 lbs., making 32.55 lbs. butter from 509 lbs. milk during her best period. She is by a son of Grace Fayne 2d's Homestead, the first 35-lb. cow, and from Sethje Golden Annette, 30.75 lbs. butter.

The five nearest dams of this calf are all officially tested and all are above 25 lbs.

This is one of the best calves we can offer, and owing to the fact the express companies seriously object to accepting calves after they have reached a certain weight prompts us to suggest that you write or wire us immediately to hold this calf for you. You will be surprised at the reasonable price at which we hold him.

BONALEVO FARMS

R. E. CHAPIN & SON, Owners
E. E. POOLE, Mgr.

Batavia, N. Y.

The artist was painting—sunset, red, with blue streaks and green dots. The old rustic, at a respectable distance, was watching. "Ah," said the artist, looking up suddenly, "perhaps to you, too, nature has opened her sky pictures page by page? Have you seen the lambent flame at dawn leaping across the livid east; the red-stained sulphurous islets floating in the lake of fire in the west; the ragged clouds at midnight, black as raven's wings, blotting out the shuddering moon?" "No," replied the rustic shortly; "not since I signed the pledge."

An ad in the World is an invitation to business to come your way

A Little the Best Bull You Ever Heard of For the Money

He is three-fourths white, a very fine growthy calf (born May 8, 1918) and just about the finest thing in point of breeding possible to imagine.

He is sired by King Sadie Vale Hengerveld, whose two nearest dams average, butter, 39.22 lbs.

He by the great King Korndyke Sadie Vale from S. V. H. Belle De Kol, the highest record daughter of Sir Veeman Hengerveld and made her record of 37.38 lbs. butter as a senior three-year-old.

The dam of this calf has just made as a senior 4-year-old, with second calf:

Butter	28.16
Milk	474.50
Butter, 30 days	102.76
Milk	2,002.90
Best day	75.40

She is sired by Pontiac Korndyke Hengerveld De Kol, with a 40-lb. daughter and two other 32-lb. daughters, and he a full brother in blood to King of the Pontiacs. The second dam is a 23-lb. four-year-old granddaughter of Pietje 22d's Woodcrest Lad.

The dam of this calf is a sure 30-lb. cow.

Price for immediate sale, $800.

Levelacres Herd

Linn Kinne, Owner Utica, N. Y.

Knox County Holstein Calf Club

Knox County Boys' and Girls' Calf Club. Just before the auction, Edina, Mo.

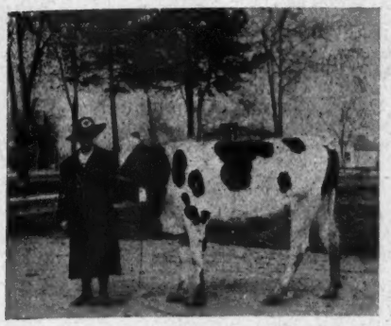
About one year ago two of the bankers in Edina, Mo., became interested in the calf club movement which had been worked out in other communities, and proposed to furnish money to boys and girls with good security at seven per cent interest and return the interest in cash prizes at the end of one year. The calves were to be sold at that time at public auction and the judging to be done before the sale. Fifty-three boys and girls between the ages of eight and 16 years were enrolled and signed an agreement that was gotten up by a committee composed of a member of each of the banks, and editor from the Edina Sentinal, who contributed the advertising, and the county agent who was made chairman. This agreement contained articles on the age to breed the heifer, kind of bull to breed her to, the care and the keeping of records.

With all arrangements made the county agent and the editor made a trip to Michigan and selected 53 high grade Holstein calves and heifers and one registered bull. On the day for distributing the calves all the club boys and girls were notified and were at a meeting in the court house where north and south side clubs were organized and officers elected. In the afternoon the numbers were drawn and each boy or girl took the calf corresponding to his or her number and took it to its new home. Every one of the 53 club members were at the meeting.

On April 26, 1918 the calf club show and sale was held, just a little over a year after they were taken out. At this time about two-thirds of the heifers were giving milk and many of them had heifer calves by side. In spite of the bad weather most of the calves were at the show and sale. Two of the calves had died during the year and three had been sold due to members leaving the county. A few of the heifers could not be brought due to being heavy with calf. The calves brought a total in the sale of $3,117.50, or an average of $97.47 per head for 33 head. A large crowd attended the sale and much interest was shown.

Taylor Smith, Newark, Mo., and his heifer calf which sold sale day for $250, after winning $58 in prizes

A very marked increase in the interest in dairying is shown which can be traced to the calf club. A number of men have started in the dairy business within the last year whose boy or girl owned one of these heifers. One carload of Holstein cows and heifers was sold in the county,



Leona Thompson, Edina, Mo., and her heifer calf which sold for $150 on sale day

being shipped in by a Wisconsin firm as a result of the calf club. Separator men say that their sales have doubled within the last year and attribute the increase largely to stimulation by the dairy calf club.—C. E. Carter, county agent.

SMALL COWS

Mr. Gotham—"I see the smallest cows in the world are found in the Samoan Islands. The average weight does not exceed 150 pounds. They are about the size of the merino sheep."

Mrs. Gotham—"Do you suppose, dear, that is where they get the condensed milk?"—Farming Business.

There is a secret laughter
That often comes to me,
And though I go about my work
As humble as can be,
There is no prince or prelate
I envy—no, not one.
No evil can befall me—
By God, I have a son!—Morley.

THE SERVICE FLAG

Dear little flag in the window there,
Hung with a tear and a woman's prayer;
Child of Old Glory, born with a star,
Oh, what a wonderful flag you are!

Blue is your star in its field of white,
Dipped in the red that was born of fight;
Born of the blood that our forebears shed
To raise your Mother, The Flag, o'er head.

And now you've come to this frenzied day,
To speak from a window—to speak and say:
"I am the voice of a soldier-son,
Gone, to be gone till the victory's won."

"I am the flag of the Service, sir,
The flag of his Mother—I speak for her
Who stands by the window and waits and fears,
But hides from the others her unwept tears."

"I am the flag of the sweethearts true;
The often unthought-of—the sisters—too.
I am the flag of a Mother's son,
And won't come down till the victory's won."

Dear little flag in the window there,
Hung with a tear and a woman's prayer;
Child of Old Glory, born with a star,
Oh, what a wonderful flag you are!

George H. Scott, Norwalk, O.

To insure sanitary sources of milk for men in army cantonments and at naval stations, market milk specialists of the Department of Agriculture are assisting public health officials in working with dairy farmers to improve the milk supply. The zones around 12 cantonments and naval stations have been covered with very beneficial results

After Calving

Every Cow Should be Treated With

HOOD FARM BREEDING POWDER

It cleanses, disinfects, causes the cow to clean quickly, and breed readily. It is a safeguard against Abortion, there is less use of the bull, and calves are stronger. Mail an order today.

Prices prepaid $1.15, $2.75 and $5.00. Flexible Injection Tube, by mail, 90c. Mammoth size Breeding Powder and Tube, prepaid, $5.75. Mention this paper.

C. I. HOOD CO., Lowell, Mass.

Wisconsin Champions Bred and Developed at HillsideStock Farm

Caroline Paul Parthenea, 9 yr.

30-day champion over all ages, 142.39. Former world's champion for two years' work.

Piebe Pontiac De Kol 3d, 4 yr. 5 mo.

Champion 8 months after calving, 15.49 lbs. Champion S. O. yearly, 907.06.

Johanna Piebe White, 2 yr. 4 mo.

Champion 8 mo. after calving, 16.55. Champion S. O. yearly, 904.85.

Five State Champions All Bred and Developed Here

We can offer young bulls bred in the most popular lines, backed by state champion and world's champion producers and GENERATIONS OF LONG-DISTANCE WORK at prices that will attract you.

For pedigrees, etc., address

R. J. SCHAEFER

Hillside Stock Farm **Appleton, Wis.**

Who's Next?

Sons of KING KORNDYKE PONTIAC LASS, the $10,000 son of the first 44-lb cow, are in great demand and do not stay long with us.

Better get one while you have a chance. They can be had right now at the

IOWA BELLE HERD

C. S. MULKS Proprietor

Riceville, Iowa

Can also sell a few young A. R. O. cows safely in calf to King

NEW MEMBERS

List of applicants admitted to membership in the Holstein-Friesian Association of America at the Detroit meeting July 22, 1918:

California

Mrs. P. H. Jarrett, Lancaster.

Colorado

E. J. Leonard, Fort Logan.

Connecticut

Henry L. Stoddard, Darien.

Delaware

*Geo. B. Booker Co., Wilmington.

Illinois

Carl Buehler, Barrington.
*J. Z. Smith & Sons, Winnebago.
C. A. Tousey, Downers Grove.
M. B. Weaver, Cary Station.

Indiana

*C. M. Bowers & Son, Moores Hill.

Iowa

John T. Cunningham, Waterloo.

Kentucky

*Kentucky Institution for Feeble Minded Children, Frankfort.

Maine

Charles H. Chapman, E. Corinth.
Frank L. Hight, Cornville.
Fred C. Smith, Mars Hill.

Maryland

*Keller Brothers, Middletown.
*United States Naval Academy Dairy, Gambrill's.

Massachusetts

John P. Stevens, Leicester.

Michigan

*William Alexander & Sons, Fowlerville.
J. F. Berkheimer, Detroit.
John P. Hehl, Detroit.
*Sindlinger Brothers, Lake Odessa.
L. F. Stautz, Manchester.
G. H. Young, Owendale.

Minnesota

Hans Selvig, Lewiston.

Mississippi

Walter Sillers, Rosedale.

Nebraska

C. W. Cannon, Silver Creek.
William R. Young, Plattsmouth.

New Hampshire

Russell S. Ellis, Keene.
L. B. Simpton, Concord.

New Jersey

Leon N. Somes, East Orange.

New York

Gordon S. V. Andrews, Lagrangeville.
L. P. Burdick, Brookfield.
William Casbaker, Boonville.
Roy Clason, Cuba.
E. E. Franklin, Itaska.
Clarence E. Gardner, Cooperstown.
Mina Colburn Hilles, Bemus Point.
Robert B. Holland, Holley.
Harry E. Hurd, Almond.
Ralph S. Keith, No. Brookfield.
George B. Leavitt, Dodgeville.
Arthur S. Miller, Ithaca.
Paul P. Pierce, Machias.
A. B. Swetland, Mayville.
C. G. Wicker, Ticonderoga.
Charles M. Wigren, Frewsburg.
T. B. Wortman, Lysander.
Thaddeus A. Yackel, Lyons.
C. E. Young, Theresa.

Ohio

H. H. Bradford, W. Farmington.
C. D. Cotter, West Unity.
George W. Crouse, Akron.
S. Curth, Nankin.
Thos. K. Maher, Cleveland.
John Martig, Louisville.
C. Reusch, Hudson.
A. E. Stouffer, Cleveland.

Oregon

H. G. Mullenhoff, Gresham.

Pennsylvania

William G. Davidson, Philadelphia.
W. M. Holt, Westfield.
Charles H. Horn, Allentown.
Leidy M. Landis, Pipersville.
H. K. Shenk, Reinholds.
De Forrest L. Robbins, Cambridge Springs.

South Carolina

P. A. Baxley, Blackville.

Vermont

*Emery M. Plumley & Winfield D. Sargent, Ludlow.

Virginia

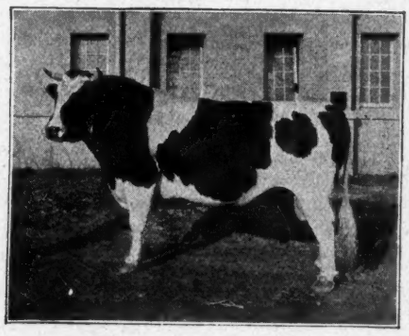
S. J. Parret, Waynesboro.

Wisconsin

Ray Boyd, Lima Center.
E. E. Butterbrodt, Beaver Dam.
*Frei Brothers, Brooklyn.
Jacob A. Hatz, Prairie du Sac.
Peter Holman, De Forest.
W. C. Leitsch, Columbus.
William C. Otto, Sun Prairie.
Nick W. Scherer, Greenwood.
O. T. Schultz, Menominee.
*Stauffacher Bros., Monticello.
Jacob Wagner, Cleveland.
Robert C. Wahl, Sturgeon Bay.

*Limited members.

SIR JOHANNA FAYNE 42147



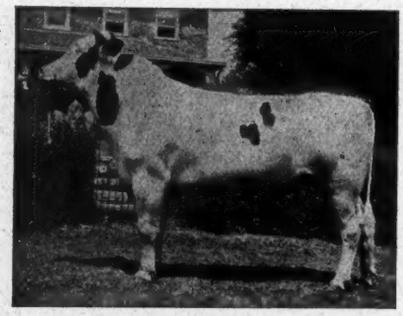
The only bull living with four daughters with records above 23,000 pounds milk in a year or seven above 20,000.

Never mind the 7-day forced record. It is the normal production during the other 358 days that determines a cow's ability.

IOWANA FARMS Davenport, Iowa

BROOK
NEWTOWN SQUARE, PA.

SUNNY



HERD

MODEL ANNIE KING SEGIS 164697

This bull combines the finest individuality, highest quality and best breeding.

J. L. AUSTIN Rosemont, Pa.
SAMUEL W. HAGAN, Herdsman

THE MILWAUKEE SALE

Every year in the fore part of June
Comes a week that we never forget,
For just as sure as there's a man in the moon,
There comes a sale—the greatest one yet.

We'll always remember the Chicago sale,
The one at Cazenovia next,
Then the one at Detroit where the bids came like hail,
And last year Worcester was our text.

But this year the one at Milwaukee
Outdistanced all before,
For the cattle at Milwaukee
Averaged in hundreds, twenty-four.

The start of the sale was rather slow
But it gradually picked up;
The high price of the day was quite a blow
Because the buyers did not "cough up."

Only seventy-five hundred for a world's record bull
And sired by Rag Apple 8th;
Now Mr. Paumier will have some pull
Among the breeders of his state.

But the real sensation came the second day
When the forty-pounders were sold;
Now will they ask, "Do Holsteins pay?"
After those sold for wealth untold?

First they sold a heifer that got them excited,
The best junior two-year-old yet known to the world;
A heifer with type and production united,
Twelve thousand, seven-fifty at her owners she hurled.

When the forty-pound cows began to come,
With Leafy Veeman De Kol on the screen
Ten thousand, one hundred was her pretty sum,
And she went to A. W. Green.

The next one to be sold was her famous dam,
And she sold for just a mere song,
For she is the kind that helps Uncle Sam
And the rest of the world along.

You ought to have seen the next one—well I guess—
That great forty-two-pound four-year-old;
At thirteen thousand Mr. Green nodded "Yes,"
For the greatest daughter of old King ever sold.

A little later came Albina Josie,
The forty-pound cow from Pine Grove;
She woke up those who felt rather dozy,
And for her ownership many people strove.

She brought ten thousand even money
And she was a bargain at that;
Why she didn't bring more seems kind of funny,
She'll make Carnation Farms fat.

Her two-year-old daughter was next on deck,
A typical Rag Apple girl;
Perfect from her tail to her head and neck,
She could buy a fifty-two hundred dollar pearl.

A few minutes later came the Pietje bunch,
Of which Mr. Howe can well be proud.
Just to see them you'd go without your lunch,
And they were admired by the entire crowd.

The first one up was her yearling daughter,
And sired by Spring Farm King;
Of what she was worth she did not bring a quarter—
She brought fifty-seven hundred there in the ring.

The next in the ring was her grandson,
Who brought nowhere near his worth;
In individuality and breeding he was handsome,
For he was a bull of royal birth.

The next one that came opened all their eyes,
For she was one of the best to be sold;
For twelve thousand dollars Mr. Hardy got a prize
In the daughter of the world's record two-year-old.

When day was giving way to night,
And the sun was getting red,
There came the calf that caused the fight,
For he was a buil that was royally bred.

There was Haeger frisking around,
And Perry with his glasses on his ear,
And Mack already on the bound,
And the audience in the rear.

There was Barney Kelley in the box.
At his side was Mr. Wood,
Who on pedigrees is as sharp as a fox,
And on telling others is "pretty good."

H. A. Moyer was on his other side,
Who has managed the sale so well,
That with national sales he seems to be tied,

A Bargain Herd For You

High Class Registered Holsteins

4 Heifer Calves
4 Yearling Heifers
7 Two-Year-Olds

1 due in October
2 due in November
1 due in January
1 due in April
1 due in March
1 fresh.

1 three-year-old, due in April
1 four-year-old, due in Nov.
1 seven-year-old, due in Dec.
1 five-year-old, due in Jan.

Price $2900
if taken as a bunch

E. E. Clarke Andover, N. Y.

Every Breeder Should Read This

Lakeside Stock Farm now offers six grand bulls of various ages, from dams with A. R. O. records of 30 to over 35 pounds, also several others as good from dams with records as large, age considered.

All are of the highest individuality, best type, excellent breeding for several generations.

The Lakeside Herd was the first in America to make a specialty of breeding for the highest individuality, with the largest production, straight top lines, perfectly shaped, well balanced udders, a high per cent of butterfat under normal dairy conditions, handsome markings and marked uniformity.

The Netherland, Aaggie, Clothilde and Albino families, each of which led the dairy world in their time, for both milk and butter production and some of whose records have never been equaled under similar conditions, were developed and made their world's records in the Lakeside Herd. Their descendants still constitute the leading factors in the herd.

More than four-fifths of all the cows in America which have made butter records of 30 to 50 pounds trace their origin to these families.

They possess all the most desirable, indispensable qualities of the breed

E. A. POWELL

904 W. Genesee St. SYRACUSE, N.Y.

STRICKLAND FARM

Has for sale the following bulls backed by splendid butter records from the best individual cows of the breed:

1. Born March 18, 1918. Sire, Spring Farm King Pontiac 14th 133407. He needs no introduction, as his first daughters are making splendid records, a two-year-old milking as high as 61 lbs. a day. Dam: Changeling Queen 246176. She has 25.87 lbs. butter from 564.8 lbs. milk at three years. Individually, this calf is the best; marked about seven-eighths white. Price, $400.
2. Born April 21, 1918. Sire: Spring Farm King Pontiac 14th. Dam: Elnora Fayne Burke De Kol. Milk, 442.1 lbs., making 23.15 lbs. butter testing 4.19 per cent fat. This is a beautifully marked calf, more white than black; good individually, long-bodied and a beauty. Price, $300.
3. Born March 12, 1918. Sire: Spring Farm King Pontiac 14th. Dam: Loraine Korndyke Segis 178251, a splendid granddaughter of King Segis. She made 18.10 lbs. butter from 495 lbs. milk, and her dam was over 24 lbs. This calf is nicely marked and will surely please the man who gets him. Price, $200.
4. Born March 13, 1918. Sire: Spring Farm King Pontiac 14th. Dam: Manon Copia Belle Korndyke, a good granddaughter of Colantha Johanna Lad with a record of 18.73 lbs. butter from 407.3 lbs. milk. Price, $175.
5. Born March 6, 1918. Sire: King Segis Sadie Vale. Dam: Mabel Artis Boness 325634. She has a record of 13.34 lbs. at 2 years. This is a beautiful calf, straight as a line. Will develop into a fine sire. Price, $125.
6. Born Dec. 8, 1917. Sire: Johanna Lady Korndyke Artis 146692. Dam: 28.14 lbs.; granddam 38.03 lbs. The dam of this calf is Elsie Rag Time 90344 with a record of 28.18 lbs. butter from 545.6 lbs. milk at 9 years, averaging 4.13 per cent fat. Just one of the great cows of the breed. Price, $350.

These calves are guaranteed to please. Write for pedigrees and photographs or wire us to reserve one of these calves for you. You get breeding, quality, individuality and price in these calves. Send in your order.

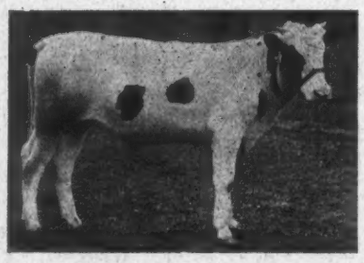
A few heifer calves for sale.

S. M. STRICKLAND

CARTHAGE NEW YORK

HURD FARMS

offer a very fine individual bull—



BORN MAY 22, 1917

This youngster is sired by Fairview Boon Rag Apple, a son of the great Rag Apple Korndyke 8th and Fairview Korndyke Boon, a 32.17-lb. four-year-old daughter of Pontiac Korndyke, a full brother, therefore, to the sire at the head of Friesland Farms Herd.

The dam of the calf is **HURD'S METTAMAE PONTIAC** that at 3 years 1 month of age made 27.14 lbs. butter from 519 lbs. milk in 7 days and 112.62 lbs. butter from 2,441 lbs. milk in 30 days. She is sired by Hilldale Korndyke Abbekerk, my senior herd sire, that is by a son of Pontiac Korndyke and from a 30-lb. 4-year-old. The second dam is an 18.57-lb. daughter of King Pontiac Price, he by King of the Pontiacs. I have just sold the dam of this bull to John A. Bell Jr.

The strains back of this bull insure a brilliant future for him.

HURD FARMS

C. W. Hurd, *Prop.* **Elma, N. Y.**

KING SEGIS BARGAIN

Yearling grandson of King Segis with two sisters over 900 pounds of butter in a year. Dam a granddaughter of King Segis with three sisters over 800 pounds of butter in a year. Dam made A. R. O. in May 1918, 24.38 lbs. of butter from 586 lbs. of milk. In June she made 2,600 lbs. of milk, with 95 lbs. in one day. She will surely make 30 lbs. of butter at another freshening. The bull is half white, born May 22, 1917, and a bargain at our price of $525, delivered anywhere. Satisfaction guaranteed.

BROWN BROTHERS **Hartford, S. D.**

And what the next will be is hard to tell.

Then the great bids began to come,
Like the rattle of machine gun fire;
Onward and upward—hear them hum!
But the contenders did not tire.

At seventy-nine thousand Mr. Schuster dropped out,
Leaving Carnation and Lisle alone,
For these two firms must fight it out,
But at last Lisle Farms were done.

A hundred and six thousand, Carnation Farms bid
For the highest priced bull in the world;
And they are certainly glad that they did,
For congratulations unbounded at them have been hurled.

The last day of the sale seemed rather flat,
Twelve thousand being the highest price,
He would have been cheap at four times that,
It was such a sacrifice.

He was a son of Wandermeere Belle,
And sired by Ormsby Jane King;
Last year at Worcester his dam was the belle,
While his sire's dam has twice made history ring.

Another sensation was the Pelletier bull,
For which Mr. Schuster paid ten thousand, six hundred,
Also in his community he'll have quite a pull,
With a bull that is so royally bred.

The Milwaukee sale is a thing of the past,
Of course the next will be better,
So everyone get ready for Philadelphia fast,
And if they sell a good cow, get 'er.

—Leo R. Blanding.

In securing farm labor the county agent is the key man. These agents, of which there are now more than 2,500, representing the United States Department of Agriculture and the state agricultural colleges, are supported in their respective counties by large and active county and farm bureaus or better farming associations Naturally, when a farmer needs help he calls upon the county agent, who, through his close contact with the labor supply of the towns and cities, is able to meet the need. Last year the county agents placed on farms more than 100,000 men. This year they are giving a much larger assistance.

Wisconsin Star Stock Farms

offer for sale a few large record sons of King Korndyke Veeman, whose sire is the great 41-lb. bull, King Korndyke Sadie Vale, and whose dam is the greatest transmitting daughter of Sir Veeman Hengerveld. There's nothing better. Write for particulars.

Wisconsin Star Stock Farm **Edwin M. Schultz, Hartford, Wis.**

. THE PUBLIC SALES .

September 6—Watertown, N. Y., Backus Bros. Pedigree Co., Mexico, N. Y., Mgrs.
September 11—Waterbury, Vt., G. E. Moody Sale.
September 18—Joplin, Mo., Phelps Stock Farm Sale, W. F. Phelps, Aurora, Mo.
September 18—Belleville, Kan., L. F. Cory & Son Dispersion, W. H. Mott, Herington, Kan., Mgr.
September 25-26—New Douglas, Ill., Joint Dispersal S. E. Gehring and Chas. A. Prange. Chas. A. Prange, Mgr., New Douglas, Ill .
October 1—Union City, Mich., Thos. Buell & Son.
October 1-2—Brattleboro, Vt., Purebred Livestock Sales Co.
October 3—Dixon, Ill., Prairiedale Farm Dispersal, Galt & Spencer, Proprietors.
October 8—Granville, N. Y., Dispersal F. W. Scott Herd, at the farm, Granville, N. Y.
October 9-10—Poughkeepsie, N. Y., J. B. Sissons Sons.
October 10—Washington, Ill., Fred K. Zimmerman Dispersal.
October 10-11—Poughkeepsie, N. Y., J. B. Sissons Sons Consignment Sale.
October 15—Nebraska Holstein Breeders Sale, Omaha, Neb., Dwight Williams, Mgr.
October 16-17—Columbus, Ohio, Liverpool Sale & Pedigree Co.'s Consignment Sale.
October 18-19—Columbus, Ohio. The Second National Dairymen's Sale, E. M. Hastings Company, Mgrs.
October 22-23—Lake Mills, Wis., Semi-annual Consignment Sale, Lake Mills Holstein Breeders, F. H. Everson, Mgr.
October 24—Howell, Mich., Howell Sales Company of Livingston Co.
November 11—Independence, Kan., Kansas Holstein Breeders' Second Annual Sale. W. H. Mott, Herington, Kan., Mgr.
November 12-13—Waukesha, Wis., Waukesha County Holstein Breeders, W. L. Baird, Secy.
November 20-21—Liverpool, N. Y., at Liverpool Sale Pavilion. Backus Bros., Mgrs., Mexico, N. Y.
December 3—Dispersal Sale Abrogast Brothers, Union Stock Yards, Sebringville, Ont., Can.
December 10—Jefferson, Wis., Gormley Bros., Dispersion Sale.
December 11—Dumville, Ontario, Canada, Niagara Peninsula Club Sale, W. L. Houck, Stevensville, Secy.
June 5, 6, 7, 1919—Philadelphia, Pa., Moyer National Sale, H. A. Moyer, Director.

The Holstein-Friesian World will be glad to list your sales in this column without charge. Let us know when you anticipate holding a sale and we will be glad to advise the public through this department. It is a line of advertising that is followed with considerable interest by readers and we are glad to offer you our co-operation.

Hon. W. M. Benninger who had planned for his twelfth public sale at Hatfield, Pa., has asked us to announce the sale has been postponed. The exact date has not as yet been determined, but it will appear in the above list as soon as it is known.

The west is to be treated to a high class sale in the dispersal of the Prairiedale Herd at Dixon, Ill., on October 3d. Messrs. Galt and Spencer have always used the best sires they could possibly get and with this they have been "stickers" for individuality which has resulted in the building of a very fine herd.

The dates for the next National Sale have been chosen, and we understand Sale Manager Moyer is at this early date getting the consignors in line for his next great "drive." For three years his average has steadily increased until it has reached the $2,400 mark. Who dares to predict what he will do to that figure in 1919?

TWO
30-Pound Bulls

No. 1. A fine big calf, nine-tenths white, big boned, extra large; born January 5, 1918. Sire, King Segis Champion De Kol Korndyke 155719. Sire's sire is King Segis Champion, a 36-lb. son of King Segis De Kol Korndyke. Sire's dam is Golden Queen De Kol 71336 (butter in seven days, 30.15 lbs.; milk, 521.6 lbs.), a daughter of Lord Netherland De Kol.

Dam of calf, Empress De Kol Portia 110799—butter 30.08 lbs., milk 531.3 lbs., in seven days. Dam of a 30-lb. junior four-year-old cow. Price $400.

No. 2. An extra large boned, fine individual, about four-fifths white. Born January 12, 1918. Same sire as No. 1. Dam is a 30.48-lb. junior four-year-old. Dam's dam also has a 30-lb. record. The four nearest dams have records of over 30 lbs. and average 31.77 lbs. His dam is just five years old and we expect to increase her record. Price $1,000.

Come and See Them

JAMES PIKE **St. Jacob, Ill.**

Auray Farms

Last Calf Advertised—1918 son of

King Wachusett Valdessa

Dam and sire's dam 38.75 Lbs.
3 nearest dams 37.15 Lbs.
13 nearest dams 30.90 Lbs.

has been placed with F. E. Brown, E. Martinsburg, N. Y.

We offer another, equally large, straight and evenly marked; same sire, and out of one of our best two-year-olds, a daughter of **King Lyons.**

Auray Lilly Lyons

2 y. 1 m. Butter 17.11 lbs.
2 y. 1 m. Milk 412 lbs.

Second dam an A. R. O. daughter of

King Segis

Out of an A. R. O. daughter of

Admiral Walker

Some Breeding—for

$250

Crated—Delivered Guaranteed

Write or telegraph (our expense) to reserve for you pending an examination of his chart and description.

Can spare two more recently dropped Wachusett (37.15 lbs.) heifers—beauties at $250.

AURAY FARMS

F. M. Avery I. M. Avery, Mgr.
SPARTA, Sussex County, N. J.

WANTED AT ONCE

Experienced feeder and milker. Must have experience in A. R. O. and Register of Merit work. Give experience and complete references first letter. Good pay. Only good men need apply.

STATE AGRICULTURAL SCHOOL
Jonesboro, Arkansas

ADVERTISE

YOUR WANTS AND FOR SALES in the

Holstein - Friesian World

ANOTHER MODEST BREEDER COMING INTO HIS OWN

Editor Holstein-Friesian World:

It is truly remarkable how some of these modest Holstein-Friesian breeders repeatedly surprise us both with evidence of their modesty and of their prosperity in this great Holstein industry.

On July 6th F. D. Cutler of Wayland, Mich., very quietly and modestly walked into the office at Pine Grove Farms and suggested that he would like to look over the cattle and Mr. Allen proceeded to show him through the barns and visit with him over the subject of purebred Holstein cattle. Mr. Cutler stated that he had a moderate size herd but expected to increase it as he was well pleased with his experience and with the prospects in store.

And to make a long story short, though Mr. Cutler arrived about half past five in the afternoon, before sundown he had picked out and purchased a bull which he thought would meet his requirements, modestly and quietly accepting him at the price of $10,000 and after securing the animal and realizing the great number of good things that could be said of him, he further astonished Mr. Allen by the statement that he considered that Pine Grove Farms had made him a present of about $10,000 and that in all probability he would never think of selling the bull at $20,000.

The bull which Mr. Cutler selected in his quiet, modest way, was none other than "The Mighty Rag Apple," a son of Rag Apple Korndyke 8th, and from Ormsby Jane Piebe Segis, (38.17 pounds), with her great milk record of 669 pounds in seven days.

This cow is a magnificent individual and a great producer and is a three-quarters sister to the late lamented Ormsby Jane Segis Aaggie, "The Great White Heifer," with all of her wonderful world records.

"The Mighty Rag Apple" is a magnificent individual, two years old, every inch a bull and we feel absolutely certain that Mr. Cutler has made one of the greatest business investments of his life in purchasing him.

When it is considered that "The Mighty Rag Apple" is a son of the greatest bull in the world and that his dam is a three-quarters sister of one of the most marvelous cows that ever lived, it can readily be understood that Mr. Cutler's selection was a judicious one and that this great young sire is bound to leave a lasting impression upon the heards of Holstein cattle in Michigan and in fact of the entire country.

Look out for the modest, quiet, unassuming F. D. Cutler of Wayland, Mich., and for "The Mighty Rag Apple," as both are sure to be heard from.—Oliver Cabana Jr., Buffalo, N. Y.

It is the Tragedy of Progress
That you have to make Good
or
Make Room.
This page wants to make good.
Think you'll like it?

WHO HOLDS THE TWO-YEAR-OLD RECORDS?

Editor Holstein-Friesian World:

Will you kindly inform me what heifer holds the world's record for butter and milk for seven days as a two-year-old with first calf? Is there one heifer who holds both records? Please give figures for each.—William Cox, Hamilton, Ont.

The world's champion two-year-old with first calf is Lakeview Dutchland Calamity Rose whose figures at 2 years 8 months are 31.71 pounds butter in 7 days. She is Canadian bred, being sired by Dutchland Colantha Sir Mona, the sire who has made such a great reputation at the head of Lakeview Stock Farm, Bronte, Ont. This champion heifer is a granddaughter of Colantha Johanna Lad and is owned by Dr. F. A. Heslop, Freeman, Ont.

The American champion for butter production in this class is Von Heim Mary Hartog with 31.29 pounds at age of 2 years 6 months. She is a daughter of Colantha Sir Hartog who was by Aaggie Cornucopia Johanna Lad and from a 29-pound daughter of Colantha Johanna Lad.

The world's champion two-year-old for milk production is the junior two-year-old, Aaggie Nena Cornucopia, whose figures are 684.1 pounds milk.

A photograph of this heifer, together with a brief description of her breeding and performance appears in the picture gallery this week.

DUCHESS SKYLARK ORMSBY

The world's record for yearly butter production. Her figures are 1,506.34 lbs. butter from 27,761.07 lbs. milk. Her 7-day figures are 34.35 lbs. butter from 588.1 lbs. milk.

A COMBINATION OF CHAMPIONS

COLANTHA JOHANNA CHAMPION 45674

Son of Colantha 4th's Johanna

Sir Ormsby Banostine Champion 166276

Son of Duchess Skylark Ormsby

COLANTHA 4TH'S JOHANNA

Her butter records in all classes were world's records when made. Her figures are:

	Butter, lbs.	Milk, lbs.
7 days	35.21	651.70
30 days	138.54	2,873.6
8 mos. after calving	21.6	478.6
365 days	1,257	27,432.

WE BELIEVE in the yearly record, the official demonstration of year-in, year-out production. We have sought to get the best yearly record breeding of the world and there is no better combination than that of the first great World's Champion, COLANTHA 4TH'S JOHANNA, and the present World's Champion, DUCHESS SKYLARK ORMSBY. These two wonderful animals are the foundation cows from which we are building a great herd of yearly producers. And we have 22 cows which average 875.82 pounds of butter and 20,969.8 pounds of milk, all of which have made better than 600 pounds of fat in one year. COLANTHA JOHANNA CHAMPION now has 49 A. R. O. daughters; we have 53 of his daughters, 39 of them not yet in milk. They are being bred to SIR ORMSBY BANOSTINE CHAMPION, and as fast as they freshen they are put on official test for 365 days.

We offer bull calves of this great combination of breeding.

Emblagaard Dairy - Marquette, Mich.

Spring Farm Pontiac Cornucopia

"The only bull with a 44-lb. dam and a 30-lb. 2-year-old daughter" has been purchased to head

Wellsland Stock Farm Herd

I have recently purchased this bull to head my herd. He is better known as the $15,000 son of K. P. Pontiac Lass, the first 44-lb. cow of the breed and as the sire of a number of the greatest bred young bulls of the breed.

Since January 1st, two of his daughters have crossed the 30-lb. mark, one as a two-year-old and the other as a three-year-old, while a number of others are making right around 20 lbs. as two-year-olds. He now has 28 A. R. O. daughters, which list, because of his almost unparalleled opportunity, will be materially increased within a very short time.

This great sire will stand at the head of my herd and a few outside services can be booked, for this year at least.

Individually, Spring Farm Pontiac Cornucopia is one of the finest bulls of the breed.

N. W. SALMON

Glenfield New York

Will He Make Good?

Absolutely No Question

Look at This !!!
Mollie Fayne Alcartra, 2 Years, 23.83

This is one of the very first daughters of KING PONTIAC FAYNE ALCARTRA to be officially tested. Her performance removes all doubt as to his future greatness.

He is a son of King of the Pontiacs, the only sire with three 40-lb. daughters; and his dam is Alcartra Fayne Burke, 30.87 lbs., a daughter of a 35-lb. sire, and the next dam Alcartra Polkadot Ormsby 2d, a 31-lb. daughter of old Alcartra Polkadot.

His calves are outstanding individuals and the choicest ever born at Bloomingdale.

One of his sons would do you a world of good.

BLOOMINGDALE HERD
SOMERVILLE, N. J.

A. A. Cortelyou, Proprietor Jacob Reger, Supt.

Here's Quality

A Bull Calf born Dec. 23, 1917

One of the best individuals I have ever bred—more black than white. Sire, Sir Pietertje Ormsby Mercedes 37th, famous son of Sir P. O. M. and Spring Brook Bess Burke 2d.

Dam, Princess Colantha Jewel 2d (see her photo and records at the right).

His four nearest dams average 947.72 lbs. butter, 20,792.4 lbs. milk.

DOES THIS APPEAL TO YOU?

Don't wait too long.

John Erickson

Lone Pine Stock Farm Waupaca, Wis.

THE SIRE'S DAM

Spring Brook Bess Burke 2d

38.22 lbs. butter, 792.3 lbs. milk in 7 days.

Two year records above 1,000 lbs. and is now making her third.

Three seven-day records above 35 lbs.

The largest dairy cow in the world, 2,225 lbs.

THE DAM

Princess Colantha Jewel 2d

At 4 years, 25.12 lbs. in 7 days; 786.15 lbs. butter, 17,123.4 lbs. milk in a year. (Third place 1910-11.)

Dam of 4 good A. R. O. daughters, 2 above 30 lbs.

Her dam has records of 25.04 lbs. in 7 days, 865.67 lbs. in a year.

Pontiac Korndyke's Greatest Daughter

Many breeders consider Fairview Jessie Korndyke the greatest daughter of Pontiac Korndyke. She is certainly his handsomest daughter and made her record of 30.89 lbs. butter from three-fourths of her udder. She is the dam of

SUPERBA RAG APPLE KORNDYKE

our herd sire that is sired by Rag Apple Korndyke 8th, "The Greatest Bull in the World." Here is a rare combination of breeding and individuality. The two nearest dams of Superba Rag Apple Korndyke average over 34 lbs. and his sisters are among the most noted animals of the breed.

We offer a son of Superba Rag Apple Korndyke, born February 15, 1918. His dam is Aaggie De Kol Butter Boy 2d, that made 16.96 lbs. butter under most unfavorable conditions. She is capable of a great deal larger record and we hope to have her in shape the next time she freshens. The calf is a beautiful individual, well grown, showing his superb breeding in every line.

RYDERDALE FARMS COMPANY **Black Creek, N. Y.**

A 28-lb. Rag Apple Bull

We offer for immediate sale a son of our herd sire, **Rag Apple Korndyke Colantha,** a three-fourths brother to the new 42-lb. world's champion three-year-old, being by Rag Apple Korndyke 8th, and from a 30-lb. daughter of Pontiac Korndyke.

The dam is now on test with 28.3 lbs. to her credit. He was born February 22, 1918, and his four nearest dams average 29.995 lbs.

A bargain for immediate sale.

Lawrence & Tuttle

Canastota, N. Y.

P. S.—The last bull advertised is sold to John B. Ames, Byron, Ohio

A 33.79-lb. Bull Calf

BORN APRIL 2, 1918

Quick Sale—$250

A little more black than white

Straight—Fine Individual
Right in Every Way

Particulars and pedigree upon request

BLACRES
Bennet & Latzer
WELLSBORO **PENNSYLVANIA**

For Sale

To avoid inbreeding, our senior herd bull, King Colantha Clothilde 3d 98849, born Feb. 20, 1912, wt. 2450 lbs., three-fourths white, nicely marked, kind and sure. Sire, King Colantha Clothilde, 60403, a son of Colantha Johanna Lad and out of Abby Hartog Clothilde, record 31.39 lbs. butter. His dam is Buttercup Walker Pietertje, record 21.62 lbs. She died before she had a chance to increase this record. Her full sister, Marion Walker Pietertje, has 31.63 lbs.

His six nearest dams average 30.58 lbs. His first five daughters to freshen averaged better than 18 lbs. and one at 2 years 4 months 4 days made 20.53 lbs. So far, he has never served a cow with a record better than 23 lbs. We have 26 of his daughters in our barn and all are exceptionally well made individuals.

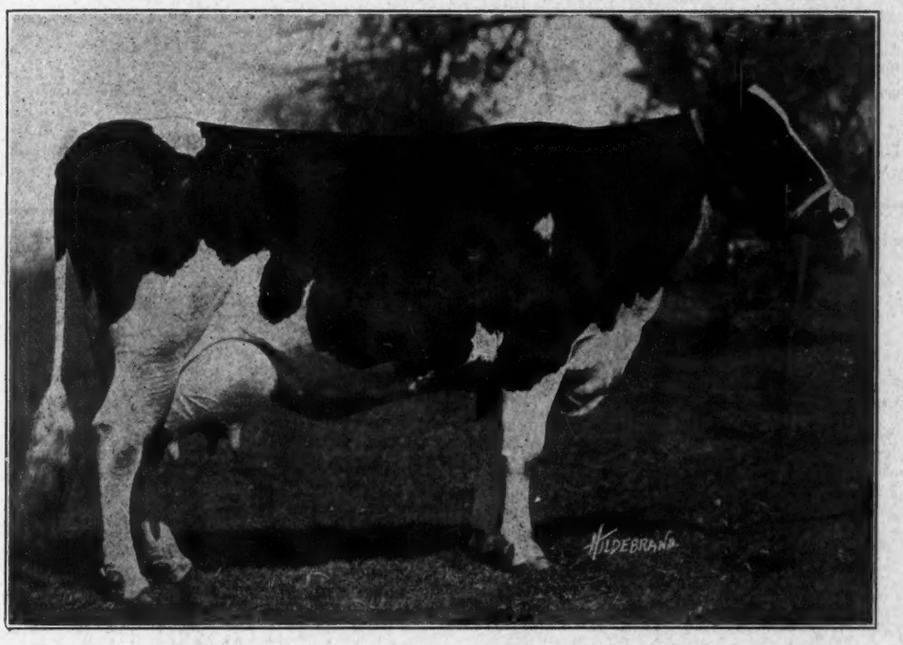
First check for $500 takes him. We are under state supervision. We have a few of his sons and two grandsons of King Korndyke Sadie Vale for sale.

FLOCK BREWING CO.

Williamsport **Pennsylvania**

Don't You Like Her ?

ONE OF THE TWO 40-lb. DAUGHTERS OF PONTIAC KORNDYKE



KORNDYKE WINONA

	Butter	Milk
7 days	42.16	750.6
30 days	147.69	2,651.6

Her Son Heads Our Herd!

KING KORNDYKE WINONA

He is by a Son of Pontiac Korndyke

He is being bred to all our 30-lb. cows developed last winter (seven in number) and to all of the other great cows in our herd. He is individually just as fine as his matchless breeding. Come and see him.

We Offer for Immediate Sale a Son of This 31-lb. 2-year-old

Great Breeding
Great Records
A Great Dam

Top Notch Type
High Class Individuality
Moderate Price

NORTH COUNTRY DUTCHLAND ALICE
At 2 years 9 months—

	Butter	Milk
7 days	31.12	513.3
30 days	115.90	2,211.9

A SON OF THE WORLD'S CHAMPION TWIN

GEORGE N. SMITH North Country Farms **Watertown, N. Y.**

Did You Notice How He Went "Over the Top?"

King Champion Rag Apple

THE $20,000 BULL

"The World's Greatest Sire of Individuality

Did you notice how his young sons from average record dams sold for around $2,500? Why? Simply because "they were the right goods."

And, remember, he's no average bull in point of breeding.

The Only Bull in the World with his Dam and Sister the HIGHEST Record three-year-olds and averaging 42 lbs.

If you want individuality with the best backing in the world, you must get a son of "King." Green is only too glad to tell you all about them.

A. W. GREEN **MIDDLEFIELD, OHIO**

A 30-lb. Dam :: A World Famous Sire

Male Calf **Born Dec. 18, 1917** **Evenly Colored**

A Son of

RAG APPLE KORNDYKE

50 A. R. O. DAUGHTERS

Fairview Rag Apple De Kol	37.09
Star Farm Cornucopia Rag Apple	30.11
Countess Jolie Johanna 2d	28.82
17 others above 20 lbs.	

Rag Apple Korndyke is better known as the sire of Rag Apple Korndyke 8th, that sold in public sale for $25,000 and who sired the present world's champion senior three-year-old and the first 30-lb. two-year-old. He is one of the best sons of Pontiac Korndyke from Pontiac Rag Apple, a 31-lb. daughter of Pontiac Korndyke

and

BERYL AMERICA LADY

Butter	30.72
Milk	583.30
Average fat	4.21

Beryl America Lady is the dam of three A. R. O. daughters. She is an unusually fine type of animal and is a sister to the sires or dams of no less than three 30-lb. cows up to 37 lbs. She is by a son of the former world's champion, Beryl Wayne.

This is one of our best sons of Rag Apple Korndyke. He is bred well enough to head any herd and the price is in keeping with his quality. He will not remain long unsold.

W. Worth Jennings **Jenningshurst Stock Farms** Towanda Pa.

Finderne Valdessa King Fayne

IN SERVICE

A SON OF

King Hengerveld Aaggie Fayne and Valdessa Ormsby De Kol

King Hengerveld Aaggie Fayne is the sire of no less than ten 30-lb. daughters, two above 37 lbs., three above 36 lbs. and five above 35 lbs. He is also the sire of three daughters above 1,000 lbs. butter in a year, two of which are the present world's champions in their classes. He is a brother to the only 50-lb. cow, is by a son of the first 35-lb. cow and his dam is a former world's champion daughter of Hengerveld De Kol.

Valdessa Ormsby De Kol has a record of 38.14 lbs. butter, following a previous record of 32.98 lbs. butter from 501 lbs. milk made as a junior four-year-old. She is a daughter of Valdessa Scott 2d (41.88 lbs.), the first 40-lb. cow, and is a sister to Finderne Valdessa Pontiac, 33.24 lbs.

Bear in mind Finderne Valdessa King Fayne is sired by one of the very greatest bulls of his generation and that his dam is a 38-lb. daughter of the first 40-lb. cow.

The records of his five nearest dams average 32.80 lbs.

Only selected cows will be accepted at

$100 FEE

CARY FARM **Lexington, Mass.**

ADDRESS INQUIRIES TO

C. F. FAIRBANKS **304 Sears Building** **BOSTON, MASS.**

EVERYBODY WANTS THEM

BECAUSE THEY'RE PRODUCERS

The Long Distance Sort

PIETERTJE HENGERVELD SIR KORNDYKE

The Only Sire in the World with five 18,000-lb. 2-year-old Daughters

His sons are all sold and we have no bulls of serviceable age. We can offer five young bulls from one month to five months of age, sired by K. P. B. A. FEDORA KING, he by a son of King of the Pontiacs from NOVELTY FEDORA HENGERVELD, a daughter of Pietertje Hengerveld Sir Korndyke, with a record of 29.38 pounds of butter in 7 days and 1,022 pounds of butter in a year.

The dams are all sired by Lothian King De Kol Korndyke, a son of Pietertje Hengerveld Sir Korndyke and Lothian Maggie De Kol, that held the world's record for two successive years for both milk and butter by her production of 2,258 pounds butter from 52,058 pounds milk. The second dams are by a son of King Segis and the third dams are by the great Aaggie 3d's Wayne Paul De Kol.

Two especially choice ones are grandsons of Pietertje Hengerveld Sir Korndyke from three-year-old heifers that have made up to 23.58 lbs. in seven days and 983 lbs. butter in a year.

Two of the calves are evenly marked and the others are dark. They are choicely bred and will be sold very reasonable if taken IMMEDIATELY.

LOTHIAN-RIVERODE STOCK FARM

Alexander Watt NOVELTY, OHIO L. M. Williams

FULFILLING ITS MISSION

The Dairy Cattle Congress to be held at Waterloo, Iowa, September 30th to October 6th will be the scene of the largest gathering of all branches of the dary industry ever assembled. This decision was reached at a meeting of representatives of the New National Dairy Council and the directors of the Iowa State Dairy Council held August 6th at Des Moines.

Judge M. D. Munn who has for many years been one of the most sincere and staunch supporters of the dairy industry, attended the meeting and outlined the opportunities of all branches of the dairy industry to unite in a permanent organization to advertise dairy products.

After the Iowa organization had been perfected and an agreement reached on the manner in which it is to affiliate with the National Council, it was suggested by Mr. Munn that all of the State Dairy Councils to be organized in the Mississippi valley be invited to a conference at the Dairy Cattle Congress. The suggestion met with unanimous approval and the necessary plans are now under way to have all departments of the dairy industry from a half dozen or more states send delegates to take part in the conference.

The executive committee of the Iowa State Dairy Association at a recent meeting decided to open the dairy products exhibit to all states. The premium lists were materially increased over what they have been heretofore. All premiums will be given in the form of War Savings Stamps.

There will be three classes of butter, that made from whole-milk, that made from gathered cream, and that made at plants which are manufacturing navy butter. The navy butter class is new and is added because the sweet butter cannot be judged accurately in competition with that made from refined cream. Attractive premiums will also be offered for cheddar cheese and cottage cheese. The Iowa State Dairy Association Convention will also be held in connection with the show.

ONE SPOON, PLEASE

Make one spoon of sugar
Do the work of two
Every day until
The war is through.

Entire Herd For Sale

A BREEDER'S HERD 35-LB. BREEDING

CONSISTS OF 26 FEMALES—1 BULL

Owner has rented his farm is reason for selling. Herd has been established several years and is one of the best in the state of Iowa. Several good A. R. O. cows and herd is nearly all young. Includes 11 daughters of Triumph Concordia De Kol 82861, whose dam is a 35-lb. cow. The first daughter of this bull to freshen has made over 17 lbs. at just two years. All females in calf are bred to one of the best daughters of Korndyke Queen De Kol's Prince—she is a 28-lb. cow and is sure to increase her record.

YOU KNOW WHAT IT MEANS TO SELECT FROM AN ENTIRE HERD. OPPORTUNITIES LIKE THIS ARE NOT OFFERED EVERY DAY. ALL STOCK TUBERCULIN TESTED. WRITE TODAY FOR FURTHER DESCRIPTION AND PRICES. ADDRESS

L. W. M. Holstein-Friesian World Syracuse, N. Y.

Every Owner and Breeder of Holstein Cattle Profits From the Promotional Work of This Association

Are You Doing Your Part Toward Making a Continuance of This Valuable Work Possible

How? — You ask?

Join the Holstein-Friesian Association of America, thus contributing to its financial welfare and by example and influence, extending its sphere of usefulness.

The funds of this association and the energies of its more than 11,000 members are devoted to promoting interest in Holstein cattle; to improving the type and productiveness of the breed and to collecting and disseminating all information relating to same that will benefit the Holstein breeder.

$60,700 Expended in Promotional Work By This Association the Past Year

This sum was divided among the various departments of publicity as follows:

Literary Committee	$27,252.18
Extension Service	6,879.83
National and other Dairy Shows	1,608.63
Prizes for butterfat and milk records	17,097.50
Prizes at Fairs	7,862.38
Total expenditure	$60,700.52

No one can doubt the immense benefit that every owner or breeder of Holstein cattle derived or will derive from this publicity. No one will question the wisdom of still further extending this work. The way to do it is for every Holstein man to back the efforts of the Association wholeheartedly. As the first step in this direction, send in your application for membership.

Life Membership Fee $25.00

The Board of Directors will consider the application for membership of any person of good character, who is a citizen of any country in North America, interested in the breeding of Holstein cattle and the owner of such. Write for Application Blank.

The Holstein-Friesian Association of America

Box 182 BRATTLEBORO, VT.

Don't carry all your eggs in one basket.
Don't buy a bull that gets all his greatness from the performance of one sire or dam.

Don't expect results unless you get a bull whose ancestors are ALL good performers, such as

BULL No. 1—
Dam and four nearest dams of sire average.....30.8
5 nearest dams average.....27.5
8 nearest dams average.....27.0
13 nearest dams average.....24.7
Age 3 years. Price $500.

BULL No. 2—
His sire is by Friend Hengerveld De Kol Butter Boy from a 30-lb., 1,232-lb. daughter of Pontiac Aaggie Korndyke. Nuf sed.
His own dam has 20.77 lbs. butter in seven days.
His daughters are large, nicely marked and fine type.
Age 4 years. Price $400.

BULL No. 3—
His five nearest dams average, butter seven days, 20.6 lbs., and three of the five average for one year, 847 lbs., with his own dam as a junior two-year-old. Perfectly marked.
Born December 1917. Price $200.

BULL No. 4—
His four nearest dams average, butter seven days, 20.6 lbs. Nicely marked. Born May 8, 1918.
Price $100.

BULL No. 5—
His dam, a two-year-old heifer, will be tested at next freshening.
Born December 1917. Price $80.

TERMS: Delivered anywhere at above prices, 25 to 40 per cent cash, with balance without interest; 5 per cent discount for all cash.

O. I. C. Pigs for sale
Photos and pedigrees

DAVID FALCONER
SCOTTSVILLE MICH.

The World

Will sell your stock in a hurry and get the Best Price for it

Try it and see

THE WATERTOWN SALE

WATERTOWN, N. Y.

HIGH CLASS 100 ANIMALS

Including a Son of This Cow

Manor Johanna Beets Lady

	Butter	Milk
7 days	30.53	623.3
30 days	124.394	2,653.3

(Photo taken when dry)

This sale will include a number of good record cows up to 24 lbs., some of them bred to a son of Korndyke Winona (42 lbs.); several sons and daughters of 20- to 25-lb. cows; a number due to freshen this fall, and a lot of yearlings in calf to prominent sires.

Breeders of Jefferson county are determined to make this a market place for their best and accordingly have selected animals they ordinarily would not sell. It will be a great opportunity to get real high class Holsteins. All animals over six months of age will be tuberculin tested.

The sale will be held on the last day of the Jefferson County Fair and will start promptly at 10:00 a. m.

Backus Brothers Pedigree Co., Sale Mgrs.
Mexico, New York

B. V. Kelley — R. Austin Backus
C. F. Parsons, Auctioneers — In the Box

SEPTEMBER 6, 1918

—An ad in the World is an invitation for business to come to you

---

LORENZO FARM BULLS

SIRED BY LORENZO PONTIAC KORNDYKE (son of Pontiac Korndyke, from a 31-lb. daughter of Pontiac Korndyke) from dams with records of 24 to 27 lbs.
SIRED BY LORENZO KING OF THE PONTIACS (son of King of the Pontiacs, from a 28-lb. daughter of Johanna Rue 3d's Lad; 2d dam a 30-lb. daughter of a 23-lb. cow) from dams with records of 22 to 27 lbs.

The best breeding the breed has ever known at prices that mean quick sales.

LORENZO FARM

CHAS. S. FAIRCHILD, Prop.
E. C. HAVENS, Supt.

Cazenovia, N. Y.

Hale and Hearty at 14 Years of Age

SIR VEEMAN HENGERVELD

With More 30-lb. Daughters Than Any Other Living Sire
He is Also One of the Two Living Century Sires

Sixteen 30-lb. Daughters—Three 1000-lb. Daughters—Three 23,000-lb. Daughters

"THE SIRE BY WHICH ALL OTHERS ARE JUDGED"

One of his sons will do for you just what they have done for scores of others

W. D. ROBENS **Poland, New York**

Here's the Best Bred Bull You Can Buy Today

A Good Individual, Dark in Color and Ready for Heavy Service

Sired by a full brother to the first 44-lb. cow.
His dam is a 32-lb. daughter of the first 44-lb. cow.
The four nearest dams on the maternal side and the dam of his sire are all above 32 lbs.

HIS DAM

Spring Farm Pontiac Lass 2d

Butter	32.18
Milk	603.50
Butter, 30 days	114.45
Milk, 30 days	2,173.20
Milk, 1 day	90.8

A sure 40-lb. cow. A daughter of the first 44-lb. cow, K. P. Pontiac Lass. She is sired by King Segis De Kol Korndyke, a son of King Segis and the first 37-lb. cow, and sire of Lady Segis Korndyke, the former world's champion 40-lb. four-year-old. She is a maternal sister to Spring Farm Pontiac Cornucopia, with two 30-lb. daughters, and is a three-fourths sister to Spring Farm King Pontiac 6th with two 30-lb. daughters. Her own records, together with her dam and two granddams, average 39.3 lbs.

If you want a Real Bull that will surely have a 40-lb. dam within a very short time, here is the very one you ought to buy

Spring Farm Herd ***F. M. Jones*** ***Clinton, N. Y.***

A Son of a 33-lb. 3-year-old

Born April 29, 1918

He is a son of MARION CLOVER BLOSSOM 3d that made 33.42 lbs. butter, 620.4 lbs. milk in 7 days; 134.21 lbs. butter, 2,427.9 lbs. milk in 30 days.

She is the champion heifer of her state over all ages and breeds and is New England Champion for junior three-year-olds making her record at the age of 3 years 4 months 27 days.

Her son is sired by King Walker Johanna Lad that is a son of King of the Black and Whites from Lottie Walker Spofford 2d, a 29.06-lb. daughter of Lottie Walker Spofford, 32.40 lbs. at 4 years.

THE RECORDS OF HIS DAM WITH THOSE OF THE TWO NEAREST DAMS OF HIS SIRE AVERAGE FOR THREE, BUTTER, 31.61 LBS.

We have other very choicely bred calves from A. R. O. dams. Prices and pedigrees furnished upon request.

Summit Lumber Company

Davidson Maine

If The test of a breed is its proved dairy performance

Then The future of the Holsteins depends on the long-distance cows.

For Dairying ability is measured by months and not by a week.

The Best Bred Long-Distance Bull in the East

is

Maplecrest Farsedo Butter Boy 216667

At Your Service!

(A son of Friend Hengerveld De Kol Butter Boy and Maplecrest Pontiac Application, the best yearly record daughter of Pontiac Aaggie Korndyke. This is the nick in breeding that leads in yearly performance.)

Send for a pedigree "that is different"

RICHARD E. DODGE HENRY W. SEELEY
C. PAUL FARRAND

Washington Connecticut

King Korndyke Sadie Vale 24th 163939

King Korndyke Sadie Vale 24th

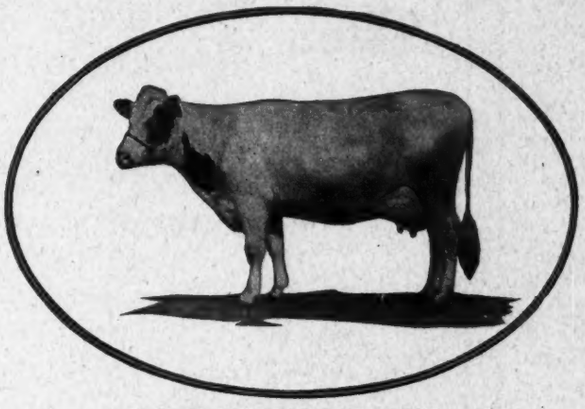
If you like his type you will be interested in one of his fine sons, with a well balanced pedigree, with six nearest dams averaging as high as 29.8 lbs. Some of them soon ready for service. Send for photos and pedigrees today.

Home Farm Herd Holstein-Friesians

(Established 1881)

W. B. BARNEY & SONS CHAPIN, IOWA

The Highest Priced Cow in the World



WANDERMERE BELLE HENGERVELD
Butter in 7 days, junior 4-year-old, 42.65 lbs

Her Son Heads My Herd

Ward W. Stevens

LIVERPOOL, N. Y.

Woodlake Farm

JOHN B. IRWIN, Prop.

"Home of the Ormsbys"

Address—
Station F
Minneapolis
Minn.

Herd Headed By
Two of The Breed's Greatest Sires

King Korndyke Colantha Ormsby 96546.

A son of Colantha Johanna Champion that has five 30-pound daughters and whose dam is that great cow, Colantha 4th's Johanna, the only cow that has ever held all butter records from seven days to a year, the dam of King Korndyke Colantha Ormsby whose yearly records are 1,255.63 pounds butter and 25,418.30 pounds milk. She is a daughter of one of the greatest foundation cows and a former world's champion, Pietertje Maid Ormsby.

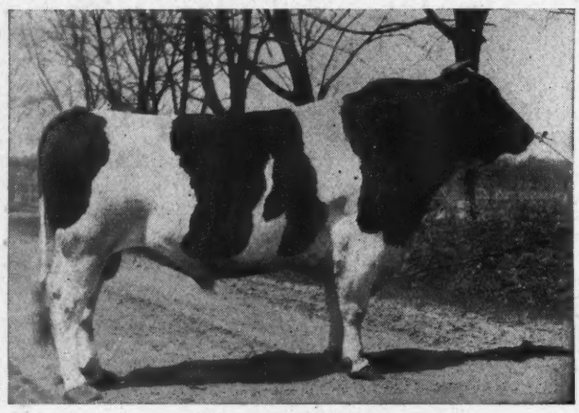
Sir Ormsby Banostine Champion 166276.

Without a doubt one of the best bred long-distance sires. His dam is Duchess Skylark Ormsby, the world's champion yearly butter producer—the only 1,500-pound cow.

He is sired by Friend Hengerveld De Kol Butter Boy, that has four daughters whose yearly records average 1,215 pounds butter.

When in need of females or a herd sire, write us your needs. You can get them here and they are the world's record kind.

SONS OF THIS BULL



Mutual Fobes Longfield De Kol

22 A. R. O. Daughters. A Champion and sire of Champions

FROM DAMS UP TO 31.5 lbs.

Mutual Fobes Longfield De Kol is a son of Fobes Tritomia Mutual De Kol, from a 30-lb. 3-year-old former world's record daughter of Homestead Jr. De Kol.

THEY GO QUICK—SEND FOR DETAILS

MILFORD MEADOWS STOCK FARM

Emmons Blaine, Prop. **LAKE MILLS, WIS.** **Harry Faville, Mgr.**

A SON OF THIS COW

De Kol Hengerveld Belle 5th

(31.58 lbs. butter, 674.6 lbs. milk. Best day 100.1 lbs.)

She is a daughter of Colantha Johanna Lad, and her dam is a 25-lb. daughter of De Kol 2d's Butter Boy 3d. The Sire is Sir Korndyke Pontiac Artis Jr.(one 31-lb. 3-year-old daughter), from the first 30-lb. daughter of Sir Veeman Hengerveld.

The bull was born May 5, 1918, and is the right kind of an individual.

For complete information address

THE WALLACE HOLSTEIN CO.

R. E. Buell, Mgr. **Wallingford, Conn.**

OUR COVER SUBJECT

This week the World cover is graced with the likeness of one of the finest individual bulls on the Pacific coast and likewise one of the very best bred sires of the breed. Matador Segis Walker is one of the several herd sires in the noted Carnation Farms Herd, better known as the buyers of the only $106,000 bull, Carnation King Sylvia.

Matador Segis Walker is a really great sire. His daughters that have freshened are making right close to 20 pounds as junior two-year-olds and as individuals his offsprings are about as fine as can be imagined. One of his sons was junior champion at the last National Dairy Show and in the Get-of-Sire class came well up.

He is sired by King Segis 10th, a son of King Segis and Johanna Vernon De Kol, a 28-pound daughter of Johanna Rue 3d's Lad, and one of the very best known daughters. His dam is Matador Twisk Minette 4th that as a junior four-year-old made 33.54 pounds butter from 617.9 pounds milk. She in turn is by Artis De Kol Walker, with three 30-pound daughters and from a 27-pound dam.

It is a rare combination to find individuality and producing ability combined in so great a degree.

"Can I interest you in a piano-player," said the agent at the door.

"No," replied the old Farmer Wiseman," such a chap wouldn't be in my line eggzactly but if you're out of a job today, you might go up into yonder field and weed beets. I calculate to make some high-stepping records on the Holsteins next fall an"—But the agent had put on his seven-league boots and left for parts unknown.

King Model Who Sold at the Stevens' Dispersion for $10,400

And Whose New Owners Booked Enough Services at the Ring Side to Pay for the Bull

Has Sired Some of the Finest Calves Ever Seen in Holstein Circles

Every Calf He Sires Is a Dandy

I Have Several Fine Sons of King Model to Offer at This Time

Remember that the dam of King Model is Mabel Segis Korndyke, 40.32 lbs. at four years. His sire's dam is Aaggie Pauline Sarcastic, 36.35 lbs.; his sire's dam and his dam's sire are by King Segis and out of Pontiac Clothilde De Kol 2d, 37.21 lbs., the most wonderful cow of the breed.

Look These Over—Then Wire Me

Born Dec. 5, 1917

His dam is K. P. Clorinda Artis, a 28.31-lb. daughter of King of the Pontiacs. He is the most perfect individual I ever saw. Second dam 27.21 lbs. A show bull of the highest order.

Born Dec. 4, 1917

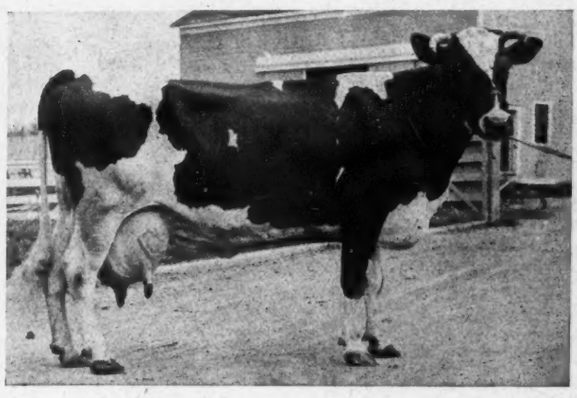
His dam, Vinnie Abbekerk 2d, is a 25.65-lb. two-year-old daughter of Spring Farm King Pontiac, who is by King of the Pontiacs and Tweede White Lady, 37.45 lbs. He is another perfect individual.

Born Jan. 15, 1918

His dam, K. P. Meta Hengerveld, is a 21-lb. daughter of King of the Pontiacs. Next dam a 30-lb. daughter of Hengerveld De Kol.

R. J. STEVENS *Formerly of* **STEVENS BROS. CO.** **LIVERPOOL, N. Y.**

The Finest Daughter of the Great King Segis!



Where could you possibly find a nicer dam for your herd sire?

This is SEGIS ISABELLA, one of the very finest daughters of the famous King Segis. She made 23 lbs. as a three-year-old, 29 lbs. as a four-year-old and last April made 34.52 lbs. butter.

Her dam is Isabella Hengerveld a 30-pound daughter of Judge Hengerveld De Kol.

The third dam is the famous Isabella Clothilde Walker with over 27 lbs. in seven days and close to 1,000 lbs. in a year and dam of two 30-lb. daughters.

Her son was born April 22, 1918 and is sired by King Joh, a son of King Segis Pontiac Alcartra from a 33-pound daughter of Johanna McKinley Segis, the only 40-lb. son of King Segis.

The calf is a beautiful individual, seven-eighths white, and just one of the greatest bred sons of King Joh we can offer.

MOYERDALE FARM

H. A. Moyer, Owner **SYRACUSE, N. Y.** **Jas. Gillette, Supt.**

ATTENTION!

WE WILL SELL

Allamuchy K. A. Perfection

Dam, Eva May Ellis 5th, record 31.41 lbs. butter from 503.5 lbs. milk, unequalled by any other first calf two-year-old.

Sire, Korndyke Abbekerk, has several 30-lb. daughters including Allamuchy Korndyke Rose, 30.60 lbs. at 2 years 6 months, with 118.69 lbs. in 30 days, which is unequalled by any other first calf two-year-old for 30 days.

Allamuchy K. A. Perfection is now 2 years 9 months old, an outstanding individual, fit to head any herd on earth.

Think of it! How many 30-lb. two-year-olds are there today? You can count them on your fingers.

This bull is guaranteed right in every way. Write, wire or come for further particulars and price.

GEO. WINTER & SON **Chateaugay, N. Y.**

THE WHOLESTEIN FAMILY

Successful Canning and Preserving

The second and revised edition of Ola Powell's "Successful Canning and Preserving," one of the popular treatises from Lippincott's on this new-old art, is at hand and undoubtedly will prove decidedly instructive to those women who like to delve into the why and wherefore of all things worth doing well. This book, like others of the series, is attractively bound and contains four colored plates and 174 illustrations. The author interestingly takes the reader with her from the beginning of a scientific canning which she states was first practiced in this country by one Ezra Daggett in the year 1819—until today it is one of our greatest industries and absolutely vital to the nation. This book is also intended for text use and after each chapter there are questions and a list of reference books for the domestic science student.

The manual is especially helpful both to the amateur home canner and her college trained sister because every possible contingency in the work which could arise is capably and intelligently dealt with. The illustrations are particularly good as they embrace every type of used and necessary utensil and show the full detail and steps through all processes. Miss Powell's book is the last word in this great art of making in-season food palatable out of season. After glancing it through, one is impressed with the scope and breadth of the subject and unlike some other books of the kind, there is a lure to every chapter which demands one's constant interest to the end.

Beginning with Chapter VIII, a quantity of recipes are given for the preserving of fruit juices, fruits, vegetables, preserved fruits, marmalades, jams and conserves, jelly making, pickling and drying of fruits, vegetables and herbs, and preservation of meats. Special mention might be made of the list of firms furnishing supplies for canning and preserving, which to the woman far from the larger housefurnishing stores should prove of special value.

"Successful Canning and Preserving" consists of 405 pages and we are glad to recommend it without stint to every keeper of a home in America. It would prove invaluable to any woman who desires to help herself and her country by preserving the foods of today for tomorrow. The book has already proved its worth in a great many American households and schools, and for the second edition we bespeak continued and ever increasing favor. (Successful Canning and Preserving by Ola Powell. $2 Lippincott.)

Mother Hubbard's War-Time Troubles

Mother Hubbard, she went
To her coal-bin intent
On feeding the furnace, they say.
But when she got there
The coal-bin was bare,
And Ma had a heatless day.
—New York World.

"What you goin' to be when you're a man, Jimmy, a doctor or a lawyer?"

"Naw! I'm going to be an auctioneer and talk as fast as Kelley and Haeger or Perry and Mack all together. I practice every day out in the barn and play Fido is the $106,000 calf. But my dad says I can't go to any more sales."

Uncle Sam's doughboys are gladly paying 80c a quart for fresh goats' milk "Over There." Bet they'd be tickled to slip over into Holland some day and milk a black and white cow behind the fence.

To Be Expected

Small Boy—My father's got a new set of teeth.

Friend—What's to become of the old ones?

Small Boy—Oh, I guess they'll cut 'em down for me.—New York Evening World.

Old Jim Dairyman says you can't take a fat horse out of a stall where it has been locked up for a long time and expect it to win a race. He says it's the same with good Holsteins. Says he's seen 'em fat when they freshen but if they are it's likely they have been supported in luxury 'stead of doing the supporting previous themselves. Jim says he thinks trainin' and development beats soft fat in the long run.

"Maude Muller was the first farmerette, wasn't she?"

"And who was the first dairyette?"

"Can't think of her name but she is famous because of these words. 'I'm going a-milking, Kind Sir—but nobody asked you.' The pretty maid evidently believed that she and the cow were company and any masculine additions would have made a crowd."

Mrs. Manhattan Bronx: I see in the associated press dispatch that a male cow sold for the unheard price of $106,000.

Mrs. Bronx Manhattan: Oh goodness! That probably will mean another terrible advance in the price of milk. Those milk and cattle magnates are such profiteers. By the way, I saw the sweetest string of pearls in at Tiffany's yesterday that was a bargain for $125,000. I'm going to tease Jack to get them for me.

Wanted: A herd sire who shall be a cross of May Echo Sylvia and Tilly Alcartra. We want this fellow to breed on the daughters of Segis Fayne Johanna.—The World.

"Expect to make that 60-pound record in your herd this winter?"

"Well, we've put the Victrola out in the barn and play—'It's a hard job to beat the Kaiser' all through each milking. If anything will put pep and determination into some good cows, it's that song. We expect that at least one of 'em will go over the top and the rest will follow."

"Every week there's a drive for something, Red Cross, Liberty Loan or Y."

"Yes, they're sure catching. I'm going to suggest to breeders that we have a bull-calf-week drive and sell every neighbor owning a scrub herd a purebred black and white. What do you think of the idea?"

Jim Dairyman's Dope

One good scheme carried out is worth more than a thousand proposed.

Don't put off buying a tractor or a better herd sire until tomorrow. They'll cost you a lot more then.

My neighbors' hired help say, "Our boss is so friendly and decent we like to work for him." I'd like to be that kind of a boss.

Boys, get you boots on, if you want to leave deep foot prints on the sands of time.

Maybe one reason these Holsteins cost so much is 'cause a man's got to know how to pronounce a dozen or so names for each one. I'm always afraid I'll slip up and come out wrong on an "e" or "i." But I've noticed that some of the tallest record makers have only three names like May Echo Sylvia or Mabel Segis Korndyke. Let's name the critters straight United States from now on and save totin' a Dutch Dictionary. What say?

Assistant Editor: A correspondent wishes to know why they whitewash the inside of a hen house.

Editor: Tell him it's to keep the hens from picking the grain out of the wood.

The Onondago Alfalfa company is making extensive repairs in its alfalfa mill at Fayetteville. The demand for alfalfa meal exceeds the supply, the No. 1 grade now commanding $64 per ton.

He Proved It

During the recitation of a college class in natural philosophy, the professor observed a tall, lanky youth in a rear seat, his head drooping, his body relaxed, his eyes half closed, and his legs encumbering an adjacent aisle.

"Mr. Frazer," said the professor.

The freshman opened his eyes slowly but did not change his pose.

"Mr. Frazer, what is work?"

"Everything is work," was the drawling reply.

"Sir," exclaimed the professor, "do you mean to tell me that is a reasonable answer to my question?"

"Yes, sir."

"Then I take it that you would like me and the class to believe that this desk is work?"

"Yes, sir," replied the youth wearily. "it is woodwork."

Keep Your Liberty Bonds

HOLD to that bond. You invested to help send the boys across. They are over now, at grips with the German monster. You expect them to hold on—hold on till the last vestige of autocracy is crushed out of him. Then you, too, must hold on—must keep your enlisted dollars invested on the fighting line.

It isn't the hooray of a campaign that wins a war. It's the will to hang on, to make sacrifice today, that tomorrow may bring victory.

And your investment. Those bonds are the safest investment you ever made. Don't be lured into exchanging them for the "securities" of some suave get-rich-quick operator. Big returns may be promised, but the bigger the promised returns the bigger the risk.

If you have to have money, take your bond to any bank and use it as collateral for a loan. There is no security the banker would rather have—nothing on which he will lend more willingly.

Don't use bonds to buy merchandise. The average merchant, accepting your bonds in trade, sells them immediately, thus tending to lower their market price and taking away from the buyer of your bonds the ability to lend a corresponding amount of money to his Government. Liberty Bonds are meant to help your country at War; are meant for investment and to provide an incentive for saving and a provision for the rainy day.

Hold fast to your Liberty Bonds. Hold fast for the sake of the boys "Over There". Hold fast because it is good business.

UNITED STATES TREASURY DEPARTMENT

Contributed through Division of Advertising

United States Gov't Committee on Public Information

This space contributed for the winning of the war by

The Publishers of the Holstein-Friesian World

The Western Home of the Great

Judge Segis

The Sire of no less than

29 A. R. O. Daughters

His daughters have records up to 37 pounds and one of them has three times crossed the 30-pound mark. Other of his daughters have made right around 25 pounds as two-year-olds and this despite a very limited opportunity.

Twenty-four of his daughters sold in public sale for an average of $875.

At Hollywood he will have an opportunity in keeping with his remarkable ability.

His sons are making good, too. One of them is now the sire of a 24-lb. 2-year-old daughter.

It is a son of JUDGE SEGIS you want to put TYPE—INDIVIDUALITY—PRODUCTION into your herd.

Hollywood Farm

Hollywood Wash.

THE YATES FARMS

HOME OF

REX PONTIAC

A son of Spring Farm King Pontiac, from a 31-lb. dam. His first daughter made over 20 lbs. in 7 days at 2 years, and averaged over 60 lbs. milk per day for 30 days. His get are individually wonderful.

KING VALDESSA KORNDYKE

A son of King Pontiac Segis Korndyke, whose 2 nearest dams average nearly 34 lbs. and whose dam is the 38-lb. daughter of the first 40-lb. cow, Valdessa Scott 2d, dam and granddam averaging over 40 lbs. We are breeding the daughters of Rex Pontiac to King Valdessa Korndyke. The result should be desirable. For a bull bred along these line, address

THE YATES FARMS

ORCHARD PARK, N. Y.

T. M. ADAMS, Mgr. HARRY YATES, Prop.

Pontiac Korndyke

has been coming some. No other bull ever duplicated his present year's work, with two daughters above 42 lbs. and four daughters averaging 41.57 lbs.

One of His Best Sons

heads our herd. His name is PRINCE KORNDYKE PONTIAC, and his dam is Pontiac Korndyke Maid, a 33-lb. daughter of Pontiac Korndyke.

BARGAINS IN HIS SONS are now offered, from good record, strongly bred dams.

One from a 26-lb. daughter of King Segis

SOME COMBINATION

Other young bulls by King Hengerveld Pietje, a son of Prince Hengerveld Pietje and Woodcrest Dora De Kol (35.89 lbs.), from dams up to over 25 lbs. as junior two-year-olds. Some from daughters of King of the Pontiacs and Rag Apple Korndyke 8th.

This quality will move quick. Address

Hugh J. Davis

Maple Ridge Herd Broadalbin, N. Y.

WE WILL SELL TEN FEMALES

FOUR yearlings
SIX two to eight years old

All these are either 20-pound cows or out of 20- to 24-pound cows or from A. R. O. daughters of 20- to 24-pound cows.

Also Bull Calves by

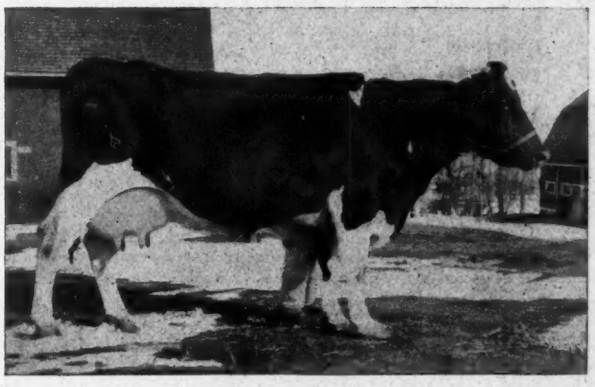
Aaggie Cornucopia Johanna Lad 7th

One from a 31-pound cow.
One from a 26.91-pound daughter of a 34-pound cow.
One from a 24.87-pound twin sister to a 35.42-pound four-year-old.
Other ones as good.

Write or come and see them

McKay Brothers Waterloo, Iowa

Friesland Farm Holsteins



NIVA KALMUCK
Butter 45.24

The Second Highest Record Cow Developed West of the Mississippi River

She was bred, born, raised, developed and is now owned in this herd, together with a very great number of her sisters and close relatives.

OUR HERD SIRES

Rag Apple Korndyke Boon **Alcartra Hengerveld Segis De Kol**

The former, already one of the best proven sons of Rag Apple Korndyke 8th, is from a 32-lb. four-year-old daughter of Pontiac Korndyke and is therefore a three-fourths brother to the present world's champion 42-lb.senior three-year-old.

The latter, a young sire, is by King Segis Pontiac Alcartra, famed as the first $50,000 bull, while his dam is Meta Hengerveld, one of the 11 30-lb. daughters of old Hengerveld De Kol and certainly one of his very finest individual daughters.

In one you get Pontiac Korndyke four times close up. In the other you get King Segis and Hengerveld De Kol.

WE CAN SELL YOU SONS OF EITHER OF THESE SIRES FROM DAMS UP TO 30 LBS. THAT ARE SISTERS TO THE FAMOUS NIVA KALMUCK.

Friesland Farms *B. B. Davis, Owner Henry Stubbe, Mgr.* **Omaha, Neb.**

Buyers' Opportunities

Here are big opportunities done up in small packages. The Sales Market of unlimited choice. Advertising in this department is accepted at regular rates and subject only to minor restrictions regarding style and typography.

A Spring Farm—Prilly

BULL CALF FOR $175

Exceptionally well grown, evenly marked, of excellent conformation. Nearly 8 months old. He is from a three-year-old daughter (19.54 lbs. butter, 375 lbs. milk, with first calf) of Prilly Princess Sir Inka, the sire of high testing ones, who is a good grandson of old Prilly, "Queen of the Breed." Sire of calf is Spring Farm Butter Boy, a good son of Tweede De Kol Lass (34.39), dam of the former world's record high testing cow, K. P. Pontiac Lass, 44.18.

$175 While He Lasts

Extended pedigree for all 'cept the "postal card curious."

Broadhurst Holstein Farm

Morrisville, N. Y., which is in Madison Co.

Riverside Stock Farm

Our service bulls previously advertised are all sold. We now have a few bull calves from one to three months old, sired by King Pontiac Boon Lilith 106026, and Colantha Sir Aaggie Hartog 162572. Dams are A. R. O. cows with records from 20 to 30 lbs. butter. Write quick before they are all gone.

A. W. BROWN & SONS

West Winfield, N. Y.

33-LB. BULL

Ready for Heavy Service

HAROLD F. HUBBS

Kirkville New York

Bull Born December 18, 1916

Sire, CHANGELING BUTTER BOY (90 A. R. O. daughters). Dam, NETHERLAND ABBEKERK, a 22-lb. daughter of Tidy Abbekerk Prince. This calf has 75 per cent the same breeding as Changeling Tidy Abbekerk Wayne, 44.43 lbs. butter in 7 days with three-fourths udder. He is nearly all white, well grown, a splendid individual and ready for heavy service. For price and pedigree write

F. A. Blewer, Maplevale Farms, Owego, N. Y

SOMETHING GOOD CHEAP

31,785-lb. bull calf, born April 10th. Two-thirds white. He has a 31-lb. sister, and he is priced for a quick sale.

Also a fine bull, born Sept. 4th. Dam has 23 lbs. He is sired by Model King Segis Koningen. We look for his dam to make 30 lbs. or better this fall. Also a grandson of Colantha Johanna Lad from a 25½-lb. dam. They are good enough for you.

EAGLE BAY FARM

F. A. House, Supt. Silver Creek, N. Y.

Blue Book

Every Holstein-Friesian Breeder Needs the Blue Book to Aid in Making His Breeding Operations Successful.

Have you subscribed for the 28th volume? You cannot afford to be without it. All experienced breeders consider the book indispensable in tracing the breeding and relationship of A. R. O. animals.

The 28th volume is now ready for distribution, and contains 1,409 pages of condensed information relating to Holstein-Friesian cattle, including the whole Advanced Register of last year. The official name of the book is Advanced Register Year Book and the price of the 28th volume is $2.25 per copy to all alike. A limited number of copies of the 24th, 25th, 26th and 27th volume is yet on hand, and may be had at $2.00 per copy, while they last. Be sure to designate which volume you want, and send all applications with price to

M. H. GARDNER, SUPT. A. R.

Delavan, Wisconsin

POSITION WANTED

—By a—

Thoroughly proficient, General Farm and Private Estate Manager of proven ability and exceptional record.

Present position includes successful management of one of the most extensive and prominent private estates in the east.

Well qualified in construction, improvements, reclamation of soil and animals. Specialized with Holsteins.

WILLARD BEST Claverack, N. Y.

WANTED

Experienced Herdsman, competent and reliable. Give references and qualifications; must have had experience in A. R. O. work. Excellent opportunities for right man.

W. B. Barney & Sons

Chapin, Iowa

King Alcartra Butter Boy Heads Our Herd

He is a 32-lb. son of the $50,000 bull, King Segis Pontiac Alcartra. We now offer a carload of his daughters, and cows bred to him, also five of his sons, three to nine months old, from A. R. O. dams. If you want them, get in line, for they are priced to sell.

H. H. JONES R-3 Cazenovia, N. Y.

For Sale

4 heifer 2-year-olds, 6 heifer calves and 2 male calves—all by 30-lb. sire and dams from 25 to 32 lbs. On account of being crowded for room, will make low price on them.

J. W. Garvey - Thayer, Ill.

An Ad in the World is an invitation for business to come to you.

Your Bull

Dam, at 5 years 3 months—Butter seven days, 29.05 lbs.; milk, 665 lbs. She has a 29-lb. junior four-year-old full sister. Their dam—butter seven days, 25.08 lbs.; milk, 716 lbs.

Sire's dam—Butter seven days, 31.30 lbs. She has a 30-lb. dam and a 31-lb. junior four-year-old daughter, making her one of three generations of 30-lb. cows.

Sire's sire, son of King Segis Pontiac and out of a daughter of King of the Pontiacs. Three-fourths brother to the $50,000 bull and the $35,000 bull.

Born April 9, 1918. Mostly white, large, straight, beautiful. Two nearest dams average 30 lbs., four nearest dams 29 lbs. $300, delivered. Write for pedigree and picture.

Hobart W. Fay

"Quality First" **MASON, MICH.**

L. E. CONNELL

REGISTERED HOLSTEINS ALWAYS FOR SALE

write me your wants before placing your order elsewhere.

FAYETTE, OHIO

Sold Out of Bulls

More Coming, Though

Poplar Hollow Stock Farm

Bertram D. Scott, Prop.

Sta. F Minneapolis, Minn.

PEDIGREES

Our new price list has just come from the press—write now and obtain a copy. It shows our prices and describes the various kinds and styles of pedigrees that we prepare. It also gives prices and description of certificate envelopes, B-B herd registers, etc. Write at once.

BACKUS BROS. PEDIGREE CO.

Mexico New York

ZUYDERZ SUPERIOR VANDER LEI

Born Sept. 10, 1917, from a granddaughter of Hengerveld De Kol and backed by Colantha Johanna Lad, Blanche De Kol Hengerveld, 33.20, Pietje 22d, 31.62, Colantha 4th's Johanna, 35.22, and Pietje Vander Lei Lad, the 5.06 per cent fat bull. Won't last long at the price.

ZUYDERZ HOLSTEINS

L. B. TAYLOR

Lake Mills, Wis.

BULL CALVES

FOR QUICK SALE—A few choice young bull calves from a grandson of Hengerveld De Kol and from tested dams. Price $50 to $75.

Chenango Farms Hamilton, N. Y.

How Would You Better This Combination?

A son of King Korndyke Sadie Vale Wayne and **FINDERNE WAYNE PONTIAC**, a 25.55-lb. junior 2-year-old daughter of Gordon Glen Pontiac, from a 27.02-lb. daughter of Lord Netherland De Kol, and individually one of the finest cows you ever saw.

King Korndyke Sadie Vale Wayne is a son of King Korndyke Sadie Vale, from a 29-lb. daughter of Sir Veeman Hengerveld.

The four nearest dams of this calf average over 30 lbs. butter

We have other very choice youngsters at reasonable figures.

JABEZ SMITH & SON **Newark Valley, N. Y.**

THE FIRST TWO TESTED

The first two daughters of Waconda Sir Cornucopia Korndyke 113684 to be tested have made as follows:

No. 1—at 1 year 11 months 6 days, who dropped a calf at 7 months, has a record of 21.67 lbs. butter and 373.7 lbs. milk in 7 days, with 4.64 per cent fat.

No. 2—at 2 years 2 months, has a record of 17.365 lbs. butter and 338.2 lbs. milk in 7 days, with 4.1 per cent fat.

Owned by DAVID B. H. DALRYMPLE, Otselic, N. Y.
L. D. UPHAM, Lebanon, N.Y. C. S. HOLCOMB, Plymouth, N.Y.

The Greatest Bull on Earth

SIR ORMSBY SKYLARK—He Sired the Champion Record Cow of the World, Duchess Skylark Ormsby

Sons of Sir Ormsby Skylark from high testing dams for sale. Will also sell my four-year-old junior herd sire, 35-lb. son of Johanna McKinley Segis and Pearl Ormsby Burke.

MAXWELL FARMS **Waterloo, Iowa**

20 lbs. at 2 years NORTH STAR HERD OFFERS ***Two Bull Calves*** **21 lbs. at 2 years**

Their dams have made 20 lbs. and 21 lbs. as two-year-olds and are sure 30-pound prospects. These calves are good enough to head splendid herds. They are fine individuals and well grown. Write us at once about them.

W. S. MOSCRIP **Lake Elmo, Minn.**

BULL CALVES FOR SALE

WITH YEARLY RECORD BACKING

Sired by our senior herd sire whose dam, ROYALTON DE KOL VIOLET, holds four world's records and was a leader in three different classes 1916-17. The first two daughters to finish yearly records average 17,000 pounds milk and 750 pounds butter at two years.

These calves are priced to sell. Write us your wants.

H. A. McQUILLIN **Delta, Ohio**

RENGEDYKE FARM

EUGENE D. HOFELLER

Home of

TIDY ABBEKERK PRINCE 16th

Farm at Water Valley, N. Y. *Business Office Marine National Bank Bld'g, Buffalo, N. Y.*

GOLDEN OPPORTUNITY

On account of poor health we offer for quick sale

Orchard Grove Farms

Consisting of 110 acres, located in rich farming district, well watered, very productive, nearly all under cultivation; together with 10 head purebred registered Holstein cattle.

Price low for quick sale

Any reasonable offer considered

WILLIAM W. SHANNON

HILL CREST FARM

Carthage Jefferson County, New York

A Colantha-Ormsby Combination

We offer a son of our herd sire, Dutchland Colantha Artis Lad, who is sired by Colantha Johanna Lad, and from a 29-lb. daughter of Dutchland Sir Pietertje Hengerveld.

The dam, Maple Knoll Paula 4th (25.67 lbs. butter, 465.3 lbs. milk), is by King Korndyke Hengerveld Ormsby (famous son of Pietertje Maid Ormsby, 35.56 lbs.), and from a dam with a 30-lb. daughter and two daughters averaging nearly 840 lbs. in a year.

Calf was born November 21, 1917, is three-fourths white and a fine one.

Send for his pedigree and description.

H. D. SEELY

Maple Knoll Farm **Orange Co.**
Goshen, N. Y.

Our closing out sale will be strictly a breeder's

DISPERSAL SALE

Every animal but the herd sire and one foundation cow born on the farm. Twenty-six of his daughters in the sale; 39 bred to him. Plan now to attend, Oct. 3d.

Prairiedale Farm **Dixon, Ill.**

Now Ready for Service

a few sons of TIDY ABBEKERK PRINCE from good dams. These are the last sons from that famous sire.

Henry Lathrop & Sons

Sherburne - - New York

BULL CALF FOR SALE

BORN MARCH 16, 1918

His dam is Lockhart Bessie Pietertje 2d 208543, with 18.21 lbs. butter and 389.4 lbs. milk as a three-year-old. He is sired by Lockhart Lilith King 146755, his dam with 31.77 lbs. and his sire's seven nearest dams all 30-lb. cows.

Price $100, crated and delivered at Solsville with all papers

LOCKHART HOLSTEIN FARM

Eugene La Munion **Solsville, N. Y.**

DUTCH CORNER HOLSTEINS

Two good individual bull calves, sired by Governor Walker Lyons 196616. One dark—born November 27, 1917. Dam a 23.16-lb. granddaughter of Korndyke Queen De Kol's Prince. One light—born December 12, 1917; dam a 23.22-lb. four-year-old. Both cows from same dam. She has another daughter who averaged 109 lbs. milk per day. Your choice, delivered, $125. Send for photo and pedigree.

John J. Walrath **East Springfield, N.Y**

Nuway Stock Farm

offers for sale two yearling heifers sired by a 31.87-lb. grandson of King Segis from A. R. O. dams.

Price, $350 f. o. b. West Winfield, N. Y.

D. W. Morris & Sons

West Winfield, N. Y.

Purebred Holsteins FOR SALE

Ten daughters of Sir Burke 117920 and some with good A. R. O. dams. His dam, Burke De Kol Pohlcrest at 2½ years, 26.63 lbs., at 7 years 32.50 lbs. butter in 7 days won $115 in prize money. We also offer several good cows, one a 21-lb. three-year-old. Weight 2,000 lbs. Also several calves. All must be sold at once. For price write

Geo. Vanderhoof & Son
Tioga Co.
Middlebury Center Pa.

For Sale

Two heifers born February and March 1917, one dark and one light, from heavy milking dams, sired by a grandson of Pontiac Korndyke and Pontiac Pet, bred to a 26-lb. son of Admiral Walker Butter Boy; also their full sisters born February and March 1918, well grown, one three-fourths white and one three-fourths black. Guaranteed to please. Price, $550 for the bunch.

Homestead Farm
C. A. WILSON
Theresa N. Y.

For Sale

Thirty head purebred Holstein cattle consisting of cows, yearlings and calves. Cows, Cornucopia Pontiac and Korndyke breeding. Yearlings and calves are sired by a 25-lb. son of the great Sir Veeman Hengerveld 36158. Price right for a quick sale. No pedigrees.

Samuel McElwain
Route 2
Conewango Valley N.Y.

SALE CATALOGS

During the past season we edited and printed a good majority of the sale catalogs for the leading sales in the United States. We guarantee our catalogs to equal in every respect those of our competitors. We would suggest that you get in communication with us as early as possible before your sale in order that we may be able to handle the catalog work.

Write at once for sample of our work and remember we furnish a complete catalog at only $2.80 per page complete.

BACKUS BROS. PEDIGREE CO.
Mexico N. Y.

For Sale

Young bull born last of October 1917. He is a son of my herd sire, King Korndyke Ormsby Sadie Vale, who is a grandly bred son of King Korndyke Sadie Vale. Dam of young bull is an A. R. O. granddaughter of Pontiac Korndyke—some breeding!

Bull is more black than white, straight and deep bodied. Price, $150.

Also must sell from 10 to 20 females, all ages. All well bred. Come and see what I have.

S. W. Russell
Poland N. Y.

DR. GEIL'S Udder Ointment

Has alleviated udder troubles in the herds of a number of breeders; it may solve a great difficulty for you.

The eastern editor of this paper has the original of the letter shown below:

"Dr. Geil: About two years ago—I sent you $5.00, for a remedy to be used for caked udders, or on cows about to be tested. It has lasted until now and I find it a most excellent remedy for all udder troubles where there is inflammation. I enclose check for $5.00, for which please send me that amount of remedy by parcel post."

The writer of the above letter is a well known New York breeder.

Send $5.00 for large can, enough to last for several years in the average herd. It will save its cost on the first case. Your money back if you want it.

Dr. N. L. Geil
BETHEL - - OHIO

Sons of King Model

From good daughters of Topsy Pontiac, whose dams and granddams have A. R. O. records.

W. O. WOOD
Red Creek, New York

A 25-lb. Pontiac Korndyke Bull

I offer Prince Rag Apple Korndyke 7th 152962, three years old. Right in every way. Sire is one of the good sons of Pontiac Korndyke. Dam, a 25.64-lb. cow with a 25.8-lb. four-year-old daughter. Low price for immediate sale.

William C. Fuhrer
Kenoza Lake, Sullivan Co., New York

ECONOMICAL MILK-PRODUCING FEEDS

Velvet Bean Meal Feed, Protein 18 per cent; Fat 4 per cent; Fibre 14 per cent; Carbohydrates 50 per cent.

Old Process Cocoanut Oil Cake Meal, Protein 22 per cent; Fat 7 per cent; Fibre 11 per cent.

Ton lots or carlots.

NEUSTADT & COMPANY
294 Ninth Avenue New York City

KING SEGIS PATENT LOCK

Ear Tags, Bull Staff and Rings. Description and prices sent on application. 300,000 of these ear tags have been sold without adverse criticism. 500 of these BullStaffs are used by the best breeders in the business. H. A. Meyer, Syracuse N.Y.

In Service at

GRAHAMHOLM

Sir Winana Beets Segis

Two 30-lb. daughters, one with 35.38 lbs. He is a brother to the sire of the only 50-lb. cow and the only 46-lb. heifer. He is a son of the Great King Segis.

Write us for bulls of this breeding. Address

W. J. BOYNTON, Mgr. Rochester, Minn.

Live Stock Management

If you are in the Holstein business in a big way and feel the need of a high class, practical manager, this ad is addressed to you: I am a young man, qualified through years of experience in the management of large breeding establishments to undertake the active direction of your livestock and agricultural interests. My name is already well known in livestock circles and I am now seeking to associate myself with some big, progressive Holstein man or company doing or intending to do worth while things in the industry. Write me today and let me tell you about myself and see if we cannot be of mutual benefit to each other.

T. M. H., HOLSTEIN-FRIESIAN WORLD
WATERLOO, IOWA

FOR SALE

A 3-4 Sister to Ormsby Jane Segis Aaggie

46.33 lbs. butter, 879 lbs. milk. This cow has a record of nearly 19 lbs. butter. She is due to freshen in January. For pedigree and price write to

S. T. WHEELER
West Winfield N. Y.

The Home of BLOOD ROYAL

Blood Royal is the young bull we have selected to head the Silver Birch Herd. He is a son of Sir Veeman Hengerveld and his dam is a 21-lb. junior 2-year-old daughter of King Korndyke Sadie Vale. The second dam is a 34-lb. daughter of Sir Korndyke Pontiac Artis, and the fourth dam is Stella Veeman Wayne, a 27-lb. daughter of Sir Veeman Hengerveld. His ten nearest dams average over 30 lbs. Is he not correctly named?

Write for prices on some choice young bulls

FRANK H. HUETSON & SONS Mexico, New York

AN EXCEPTIONAL BARGAIN

A young bull, nicely marked, 18 months old—a little undersized for his age owing to lack of feed, but now growing nicely and has been doing light service. Sire, King Walker Prilly Spofford, whose six nearest dams averaged over 30 lbs. in seven days—a son of King of the Black and Whites. Dam, a young cow with a 17.21 A. R. O. record, a fine individual who has a good prospect for a high record. On account of this young bull being a little under size I will sell him for $150, crated, on board cars here Have several other younger bulls by same sire and A. R. O. dams.

C. H. PERKINS, M. D. POUGHKEEPSIE, N. Y.

Wanted—To purchase for resale every month a small carload of young, graded, fresh Holstein cows with first calf.

Willard Ditch
MORGAN CITY LA.

TWO FOR $500

Bull ready for service; dam of sire holds world's record for milk and butter, 47 lbs. butter and 801 lbs. milk in seven days. Also two-year-old heifer by a sire who has a 40-lb. and a 32-lb. daughter. Heifer in calf to a 30-lb. grandson of Pontiac Korndyke. Good individuals, nicely marked.

JOHN WHALING & SONS
Carthage, N. Y.

PEDIGREE SERVICE
Up-to-date - Neat - Prompt

Order before the rush season. Herd Registers, large or small; special certificate envelopes; catalogs. New Stationery Price List just out.

LIVESTOCK PRINTING CO.
La Grange Illinois

Aaggie Cornucopia Johanna Lad

We have a bull calf out of one of his best daughters. She has seven-day, 30-day and yearly records. His sire a 35.61-lb. bull from a world's record dam. Hundreds of herds need such blood and he will pay for himself the first year. Price $350. Send for pedigree. We also have two younger bulls, $100 each, out of a 31-lb. son of K. S. P. Alcartra.

CLOVERDALE FARM
C. S. Lunt, Owner Charlotte, N. Y.

50 Choice Holsteins For Sale

Three months to seven years. Great possibilities. Must be sold.

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THE MADISON-CHENANGO COUNTIES HOLSTEIN-FRIESIAN BREEDERS' CLUB

The Hub of the Hub for Healthy Holsteins

H. C. WOOD, Sec.-Treas.
Morrisville New York

Up-to-date
Typewritten Pedigrees

Seventy-five Cents Each
Sale Catalogs, $2.50 per page
For three hundred copies

Give name and number of sire and dam of animals having numbers above 391505 in cows and 216625 in bulls.

F. G. JOHNSTON
37 W. Lane Ave. Columbus, Ohio

GREAT STUFF

The sisters of Superba Pontiac King are breaking world's records with 39 and 34 lbs. at three years. His dam is a 32-lb. cow, and his sire is King Segis Pontiac Columbo.

We offer a son from a fine granddaughter of King of the Pontiacs.

O. B. MOWRY & SON Mexico, N. Y.

Many a man has found out the value of an ad in the World. Have you?

A BARGAIN AT $185.00

Heifer calf, born April 16th; 75 per cent white; by a 27-lb. son of Rag Apple Korndyke 8th.

Bull calf, born December 8th; 65 per cent white; from a 17.08-lb. granddaughter of Hengerveld De Kol and by a 27-lb. son of King of the Black and Whites.

Both straight and right. The pair for $185, crated, f. o. b.

F. H. JUDD Linden, New York

A Family Group Offered

One 24-lb. cow, three daughters and three granddaughters; one 27-lb. cow, a daughter with a 14-lb. two-year-old record, and two granddaughters. Another with a 17-lb. 2-year-old record and two of her daughters. All are good individuals, straight and right in every way.

E. W. ANDERS
R. F. D. No. 2. Norristown, Pa.

FOR SALE

A few choice bred heifers in calf to our Rag Apple and Meadowholm bulls. Also a few good cows. Must reduce number of herd.

ARCHIE REID JR.
Janesville, Wis.

A REAL HERD SIRE FOR $500

Segis Hengerveld Beets Lyons born March 21, 1913. A son of Tietertje Hengerveld Segis with over 100 tested daughters, from Bloomingdale Hengerveld Edith, a 32-lb. daughter of Hengerveld De Kol; the second dam, Edith Prescott Pauline De Kol with a 24-lb. record and dam of seven tested daughters. She is sired by Paul Beets De Kol. This bull is 9-10 white, right in every way and the best individual son of his sire. The records of his two nearest dams average 32.88 lbs.

J. G. KERRICK Towanda, Pa.

FOR SALE:—HERD OF ABOUT 40 HOLSTEIN-FRIESIAN REGISTERED CATTLE

including four-year-old bull sired by Johanna McKinley Segis, dam Arcady Pontiac Parthena; bred by T. E. Getzleman, Hampshire, Ill. For prices, address

Bank of Fergus County, Lewistown, Mont.

For Milk and Comfort

Spray Cows with

MOORE BROS. NO-FLY

1 gal. can - - - $1.00
5 gal. can - - - $3.50
F. O. B. Albany, N. Y.

THE MOORE BROS., Albany, N. Y.

Grandsons of K. P.

From good A. R. O. dams and by one of the best individual sons of King of the Pontiacs. They have real quality and are priced right. For information address

CHAS. K. RECORD & SON
Peterboro, Madison Co. New York

Governor Bradford Farm Herd

Purebred Holstein-Friesian cattle of all ages for sale.

Barnard French
Governor Bradford Farm
Bristol Rhode Island

If You Want a BULL

That will be certain to improve the production, type and conformation of your herd.

Buy This Bull

His sire: a 32.5-lb. son of King Korndyke Sadie Vale.

His dam: an 18.44-lb. junior two-year-old (he is her second calf). Her sire is a 32-lb. bull, and her dam is a 26.22-lb. three-year-old.

This bull is every inch a show animal, and every one of his close relatives are grand individuals. He was born January 8, 1918.

His A. R. O. backing is great. Remember that 11 of his 15 nearest dams average 30.43 lbs. butter from 598 lbs. milk.

Lots of breeders would ask $500 for this bull, and he is worth it, too, but to move him quick the price is $300, crated, delivered; guaranteed to please.

His printed pedigree is ready for mailing. Act quick if you want to own him.

We Also Have

a very nice young bull calf, born June 6th. Sire same as above. Dam, an untested three-year-old daughter of a 25.79-lb. cow, next dam 23 lbs.

Eleven of this bull's 15 nearest dams average 29.14 lbs. butter.

He is a bargain at the present price, $140, crated, delivered, guaranteed; shipment to be made at three months of age.

Herd free from tuberculosis.

W. H. Whitacre

Penn-acre Farm
Limaville, Ohio R. F. D

Grandsons of "Diona"

Sired by KING CHAMPION whose first tested daughter has made almost 19 lbs. butter as a junior 2-year-old. The sire of King Champion is a son of King Pontiac Champion, with nine 30-lb. daughters since January 1st, and his dam is DIONA KONIGEN PIETERTJE with records as follows:

	But.	Milk	%Fat
7 days	37.44	610.4	4.91
30 days	154.39	2651.1	4.66
She is dam of:			
K. P. Diona Piet.	40.12	825.6	3.89
Dio. Kon. Piet. 2d, 4y.	35.94	574.1	5.01
Rag Ap. Dio. Queen, 3y	27.09	507.4	4.27
K. P. Kon., who is sire of Lady Neth. Pon., 4y	43.59		

(World's Champion)

A particularly choice one is a son of JANNEK PIETJE that made 14.60 lbs. butter from 315 lbs. milk, averaging 3.7 per cent as a junior 2-year-old. The second dam has better than 22 lbs. and the third dam 20 lbs. Calf is handsomely marked, a fine individual, more black than white. Price, $175, registered, crated and delivered to express office at West Winfield. Tuberculin tested if desired.

Don J. Wood, West Winfield, N.Y.

ONE YOU WILL LIKE

A perfect individual, nicely marked and one of the best bred Korndyke bulls you can find.

His sire is Waconda Sir Copia Korndyke, that has a number of tested 2-year-old daughters making right close to 20 lbs. He is by a son of Pontiac Korndyke from a 33-lb. dam and is a brother to a 36-lb. heifer and a $25,000 bull. Waconda Sir Copia Korndyke is from a 31-lb. granddaughter of De Kol 2d's Butter Boy 3d.

The dam is a 26-lb. three-year-old daughter of Earl Korndyke De Kol (64 A. R. O. daughters), a son of old Belle Korndyke, 25.77 lbs., and brother, therefore, to Pontiac Korndyke.

Four of his nearest dams average 28.80 lbs. You cannot beat him at our price—$200.

SUNNYCROFT FARMS
C. B. Marshall Morrisville, N. Y.

AUCTIONEERS

Another World's Record

It has recently been reported among Holstein breeders that the Auctioneer's Long Distance Record is in danger of being set at a new mark. Freshening for his twentieth year of active service in Holstein sales, the record is now being challenged by

B. V. KELLEY, Syracuse, N.Y.

Auctioneer

A lifetime's experience with Holsteins and selling sales all over the United States and Canada. "That's Us." Perhaps we can make you a Dollar.

R. E. HAEGER

Algonquin Illinois

AUCTIONEER

Satisfied customers my best advertising. Write or wire early for dates, as I sell nearly every day during the sale season.

George W. Baxter

Elmira, N. Y.

WHITE

knows pedigrees, values, individuality and the buyers. His knowledge and services are at your command. Good in Box, Ring or anywhere you put him.

Roy L. White, Woodstock, Ill.

"THINK"

COL. D. L. PERRY

The Holstein Auctioneer

I also sell satisfaction

COLUMBUS, OHIO

THE . HIGH . DOLLAR

For Your Holsteins With

J. E. MACK

Ft. Atkinson, Wis.

IN THE BOX

W. H. KRAUSE

Wisconsin's Live Wire in Holstein Sales

Write for dates

THORP, WISCONSIN

Go Over the Top With Your Holstein Sale

HESS & HAMMOND

Auctioneers

C. M. Hess, Akron, O.

H. C. Hammond, Copley, O.

ADVERTISE

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HOLSTEINS

Overstocked, will have to sell 30 head before November 1st. Eighty head to choose from, of all ages. Granddaughters of The Milk & Butter King and Spring Farm Pontiac Cornucopia and other good sires—some with A. R. O. records; some to freshen this fall. Also 14 pure-bred Percheron horses of both sex of all ages at reasonable prices.

E. J. BUYEA Oneida, N. Y.

KING KORNDYKE VEEMAN VALE 112926

His two nearest dams average 35.9 lbs., and his six nearest dams average 32.77 lbs.; 13 of his 15 nearest sires have 30-lb. daughters and four of them have 40-lb. daughters.

He is a splendid individual and his daughters have won prizes in the show ring.

His first 12 daughters average 19.72 lbs. at average age of 2 years 5 months, one of them breaking the South Dakota state record with 26.15 lbs. at 2 years 4 months.

GREAT BREEDING, GREAT TYPE, GREAT OFFSPRING.

Service fee $100 for approved cows. Write to

P. R. CROTHERS & SON, Badger, S. D. F. E. JOHNSON, Hetland, S. D.

COLLEGE KING SEGIS ALCARTRA 206680

Herd Sire of U. College Holstein Farm

As an individual he has no superior. As to breeding and pedigree but few equals. His sire the great $50,000 bull. His dam a 35.61-lb. former world's record four-year-old. Five of his nearest sires are the greatest bulls of the breed—King Segis Pontiac Alcartra, King Segis Pontiac, King Segis, King of the Pontiacs and Pontiac Korndyke. Service fee for approved cows, $200. Bulls from A. R. O. dams for sale.

Harvey A. Morrison President — **UNION COLLEGE** College View, Neb. — **Chas. Williams** Herd Supt.

GIVE THIS THE ONCE OVER

Just Bulls? NO, REGULAR BULLS. Sire, a 34.49-lb. son of S. P. M. and he's got a 42.31-lb. sister. Dams, daughters of Colantha Johanna Champion, a son of Colantha 4th's Johanna, 35.22 lbs., and the only cow with all world's records. Sure champions. Got 30-lb. daughters, five of 'em. World's records in their pedigree and you don't have to hunt to find them, either.

W. J. Gillett & Sons "HOME OF THE JOHANNAS" Rosendale, Wis.

CAN YOU BEAT IT IN IOWA?

Herd sire, Tall Oaks Pontiac Korndyke—47 per cent of the blood of Pontiac Korndyke; 56.25 per cent same breeding as Pontiac Clothilde De Kol 2d

TALL OAKS FARM Myron E. Talcott RANDALIA, IOWA

SONS OF YEARLY RECORD COWS

We offer, for $200, one born March 28, 1918. His dam has a record of 796 lbs. butter with a butterfat average of 3.8 per cent. Her daughter made 734 lbs. butter at three years with an average of 4.2 per cent butterfat. His sire is King Pontiac Barnum De Kol, a son of Spring Farm Pontiac Cornucopia that now has a 30-lb. two-year-old and a 30-lb. three-year-old daughter.

We have others. WRITE YOUR WANTS.

IRVING N. ROE Branchville, N. J.

Bargains in Females

We offer some special bargains in females bred to **King Model.**

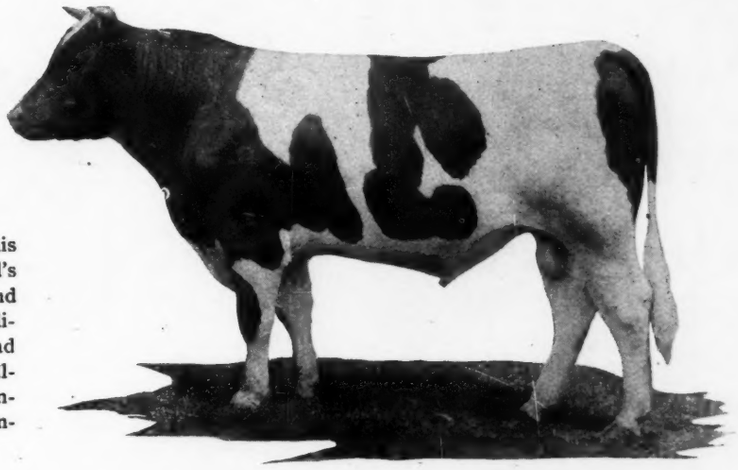
We are short of help and want to sell a few.

H. PERKINS & SON Red Creek, N. Y.

America's Quality Herd

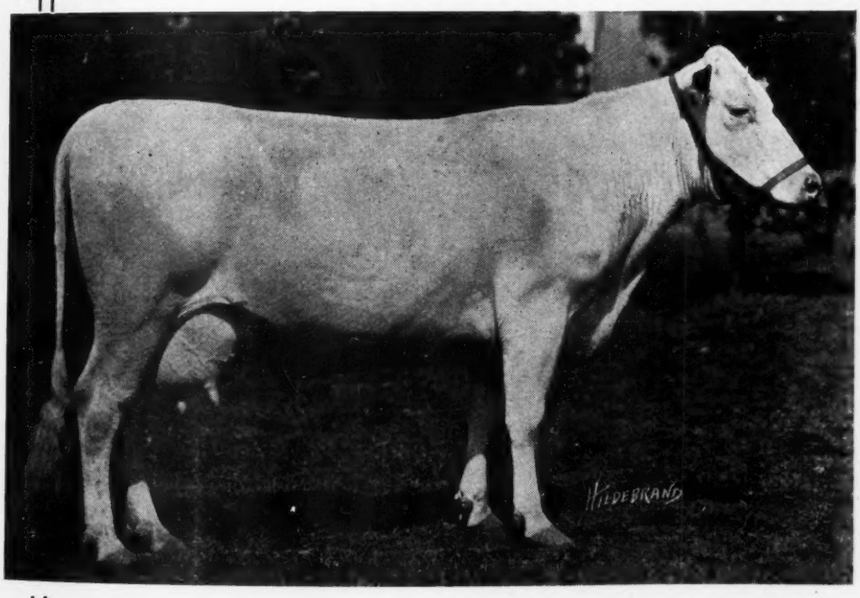
The Premier Herd Sire of America

King Valdessa Pontiac



The bull that because of his rich inheritance of the world's greatest producing blood and because of his faultless individuality was selected to head this herd. A son of King Valdessa and Mabel Segis Korndyke, the former world's champion four-year-old.

Another of Our Great Foundation Cows!



LUCILE INKA SEGIS
Born Jan. 24, 1911.

Butter	30.56
Milk	647.80
Butter, 4y	18.88
Milk	507.20

Bred by M. L. Rodger, Hammond, N. Y.

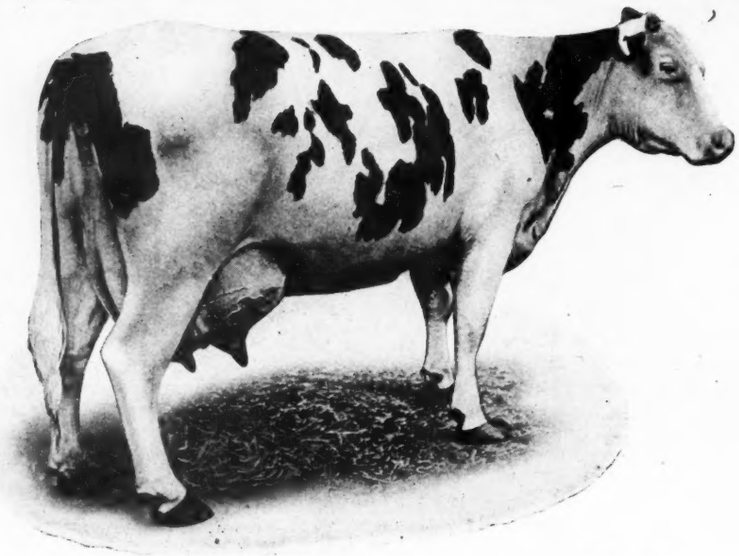
Purchased of W. H. Mace, Cortland, N. Y.

Lucile Inka Segis is but another example of the great cows selected to make up our herd. She is a granddaughter of King Segis, being by Small Hopes King, one of his good sons with a goodly list of high record daughters. Her dam is Lucile Inka Pietertje De Kol, a 21-pound daughter of Emperor Nanuet De Kol and herself the dam of three A. R. O. daughters. We believed her breeding, her splendid individuality and her unusually good record made from a large flow of milk entitled her to become a member of this herd. Her inheritance of the King Segis blood in combination with that of King Valdessa Pontiac will surely produce animals of the sort we are striving to obtain.

Bell Farm Herd

John A. Bell Jr., Owner
Coraopolis, Pa.

A Daughter of this
Grand Old Girl and King Dollar



PONTIAC CLOTHILDE DE KOL 2D

Pontiac Clothilde De Kol 2d is recognized as one of the best individual Holsteins the breed has ever produced, having made the **world's record for both seven-day and yearly production.** A larger number of her descendants have brought higher prices than those of any other cow.

The dam, the sire's dam, and the granddam of the heifer we are offering show an **average production of 39.8 lbs. of butter.** What a wonderful animal for breeding purposes! Just think of owning this heifer and having her **bred to King Segis Pontiac Konigen** whose three nearest dams show an average production of **over 38 lbs.**

In addition to this combination of world's record backing, she is a wonderfully good heifer individually. She is well grown, now about 14 months old, and will soon be ready to breed.

We are also offering about 20 other exceptionally good heifers from **producing dams.** A splendid opportunity to own some well bred heifers and young cows that are good individuals, in calf to King Segis Pontiac Konigen, Dutchland Creamelle Korndyke Lad and Dutchland Colantha. They are the kind you want to see to appreciate. Prices are very reasonable for animals of their individual excellence and breeding.

Write us at once your preference and the approximate price you are willing to pay and we will give you individual descriptions and prices. Better yet, visit Dutchland Farms for you will then not only be able to see the heifers themselves, but in many instances we can show you several generations of their ancestors.

FRED F. FIELD HOLSTEIN CO. "THE HOME OF PRODUCING DAMS."

DUTCHLAND FARMS

MONTELLO STATION BROCKTON MASS.